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Canada
1898-1899

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JOHN A. BRUCE & CO'S

Catalogue of SEEDS

U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.
1898

Bruce's Selected Erfurt Cauliflower



1898



*Bruce's Selected
Paris Golden
Celery*



*The
C.P.R.
Pea.*

HAMILTON, CANADA.

Approaching
Our
Half Century

1850—1898.



OFFICE AND WAREHOUSE.

With
Unimpaired
Vitality.

1850—1898.

SOME OLD FRIENDS.

The late MR. JOHN McLAREN, of St. Catharines, Ont., whose death last July severed a close personal friendship, had been a customer of our House for over 40 years.

MR. THOMAS SINCLAIR, Tamworth, Ont., writes: You were the first seedsmen I bought seeds from in Canada—40 years ago—and I mean to continue to do so as long as I live.

MR. W. MURRAY, Elphinstone, Man., writes: I suppose I am one of your oldest customers, as it is now over 40 years since I got my first order filled by you.

World's Fair Medal awarded us at the Exposition held in Chicago, 1893.



We were awarded the World's Fair Medal and Diploma at the Columbian Exposition, held in Chicago, 1893, for the superior quality of our exhibit of Oats, Peas, Rye, Millet and Timothy Seeds.

DISCOUNTS ON SEEDS IN PACKETS.

Those who remit \$1.00 for Seeds in Packets may select to the value of \$1.20.

"	"	2.00	"	"	"	2.45.
"	"	3.00	"	"	"	3.75.
"	"	4.00	"	"	"	5.00.
"	"	5.00	"	"	"	6.25.

THESE DISCOUNTS APPLY TO VEGETABLE AND FLOWER SEEDS IN PACKETS ONLY.

SEEDS OFFERED IN SPECIAL COLLECTIONS ARE NOT SUBJECT TO DISCOUNT.

Seeds are frequently offered in packets at lower prices than our Catalogue quotations; this is done by reducing the size of the packet. Where Seeds are not sold by weight we always give full sized packets.

See page 1 of Catalogue for full instructions to Purchasers.

FORWARD TO

Province _____

AMOUNT ENCLOSED:

Date, 1898

RESERVED SPACE. DO NOT WRITE HERE.

Postage

All Seeds forwarded by mail are sent free of charge at Catalogue prices, excepting **Beans, Corn, Peas, Sugar Beets, Field Carrots, Mangels, Rape, Field Turnips, Clovers, Grass and Bird Seeds**; when such are to be mailed, postage must be added at the rate of **4 cents** per pound or pint within the Dominion of Canada, and **16 cents** per pound or pint to the United States.

JOHN A. BRUCE & CO.,

EXPORTERS OF CLOVER AND GRASS SEEDS,
SEED GROWERS AND MERCHANTS.

HAMILTON, CANADA, 1st January, 1898.

IN presenting the FORTY-SEVENTH ANNUAL EDITION of our ILLUSTRATED CATALOGUE OF SEEDS FOR THE FARM, VEGETABLE AND FLOWER GARDEN, GREENHOUSE AND FOREST, of Garder Implements and Agricultural and Horticultural Sundries for 1898, we again appeal with confidence to those who have patronized us so liberally in the past for a continuance of their favors, which have come to us with such gratifying regularity since the establishment of this business, forty-eight years ago ; and we also avail ourselves of this opportunity to solicit from others whom we have not hitherto had the privilege of serving, a share of their patronage.

Our Catalogue contains nearly everything of value to those engaged in Agricultural and Horticultural pursuits. New introductions of Flowers, Vegetables and Field Roots are annually offered to the public, often with descriptive matter differing widely from the reality, and usually outlined by illustrations of an extravagant character ; we have endeavored in our publications, as far as possible, to protect the Vegetable Kingdom from such caricatures. We invariably make ourselves acquainted with the value of what are termed Novelties before offering them, and when this cannot be done, we give the raiser's description only ; we make this reference in the interest of those who have not been using our seeds, and who may infer from the modest illustrations in our Catalogue that the product must necessarily be of the same dimensions. One trial will remove any misapprehension of this nature, and prove that in quality our stocks of Seeds for the Farm, the Garden and Greenhouse will compare favorably with the best offered.

The Seed Season of 1898 will be one of disappointment to the farmer who has seeds to sell ; but as a large majority of the agricultural community are buyers, they will benefit by the low prices prevailing, which are much below the values of past years. Our stocks of Clover and Timothy Seeds have been selected with care, and with our excellent facilities for re-cleaning we can supply exceptionally fine qualities ; and it is a satisfactory evidence of the improved methods of modern farming that **clean** Seeds where procurable have almost entirely supplanted the poorer grades ; quality is the first consideration, then price. We have as usual made careful provision for the requirements of those engaged in the production of Vegetables and Flowers, and whether it is the amateur's garden with its dainty plots, or the market garden with its broad acres, we have equal facilities for supplying all, and we desire to bring to the notice of the market gardener in particular, whose success depends on the vitality and purity of the seeds he sows, that there has been an over-production in the United States of many varieties of seeds for some years past ; new growers with an imperfect knowledge of the trade and no business connections find themselves with old and doubtful stocks on hand which must be sold at what they will realise. Now, we do not pretend with the stocks we use in our trade, possessing as they do a reasonable assurance of good germination and purity, to enter into competition with these valueless relics, the conception of ignorance in the first place, and now the forerunner of ruin to those who are induced to buy them because of their cheapness.

SUGGESTIONS TO CUSTOMERS.

Owing to the extended nature of our business connections, and the heavy expense incurred in collecting accounts, we conduct our business on CASH PRINCIPLES ; therefore, orders to receive prompt attention must be accompanied by a remittance of the amount. Remittances can be made in current Bank Bills, Post Office Orders, Express Orders or by Draft, and for amounts under one dollar in Postage Stamps. Post Office Orders are preferable to all others, as there is no possibility of loss, but when these cannot be obtained, Registered Letters are most certain to reach their destination. The cost of Post Office Order, Express Order, Draft, or Registering the letter, may be deducted from the remittance on orders amounting to two dollars and upwards. As the Seed season continues only for a few months in the year, there is, of course, a great pressure of business when sowing commences. Except in cases of extreme urgency, all orders will be executed in rotation as received. We will, therefore, feel greatly obliged if our customers will kindly forward their orders as soon as possible after the receipt of this Catalogue ; and please remember to give your **Name, Post Office Address and Province, in full**. We are frequently in receipt of orders deficient in some of these important requisites, often causing a delay of weeks in their execution, greatly to the inconvenience of the sender as well as our own.

FREIGHT RATES AND MAILING CONDITIONS.

For the information and convenience of our customers in Manitoba, the Northwest Territories and British Columbia, we give below the present rates from Hamilton to the various points named. The rates between any two points will be proportioned according to distance. As these rates are subject to change, we cannot guarantee them.

FREIGHT RATES FROM HAMILTON—Per 100 Lbs.

To—	On Barley, Oats, Buckwheat, Peas and Wheat.		On Clover, Timothy, Hungarian, Millet, Red Top, and other Grass Seeds.	
	All Rail.	Lake and Rail.	All Rail.	Lake and Rail.
Port Arthur.....	\$0 64	\$0 31	\$0 88½	\$0 38
Winnipeg.....	0 96	0 87	1 22½	1 03
Brandon.....	1 17	1 08	1 53½	1 34
Regina.....	1 39	1 30	1 88½	1 69
Calgary.....	1 73	1 64	2 35½	2 16
Prince Albert.....	1 78	1 69	2 39½	2 20
Edmonton.....	2 06	1 79	2 80½	2 61
Vancouver, B. C.....	2 20	2 20	2 25	2 25
Victoria, B. C.....	2 20	2 20	2 25	2 25

Our postal arrangements enable us to forward Seeds, Bulbs and Plants to any Post Office in the Provinces of Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, Manitoba, the Northwest Territories and British Columbia, at the rate of four cents per pound, and our careful system of packing will carry them with safety to the most distant point, giving purchasers in the remotest districts the opportunity of procuring reliable Seeds at reasonable prices when far removed from the source of supply.

Catalogues mailed to any address on application.

Sincerely thanking you for past favors, and soliciting a continuance of the same, with your kind recommendations,

We are, your obedient servants,

JOHN A. BRUCE & CO.

BRUCE'S SELECTED VEGETABLE SEEDS

CONDITIONS OF SALE.—John A. Bruce & Co. take every precaution to supply reliable seeds, but give no warranty, express or implied, as to description, quality, growth, productiveness, or any other matter of any Seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the crop. All goods bought from them must be accepted on these conditions.

SEEDS BY MAIL.—All seeds forwarded by mail are sent free of charge at Catalogue Prices, except Beans, Corn, Peas, Sugar Beet, Field Carrot, Mangel, Rape, Field Turnip, Clover, Grass and Bird Seeds; when such are to be mailed, postage must be added at the rate of 4 cents per pound or pint, within the Dominion of Canada, or 16 cents per pound or pint to the United States.

ARTICHOKE. *Artichaut*, Fr. *Artischoke*, Gr.

Sow in April or May, in drills two inches deep; thin the plants to four inches, and when strong, transplant in deep, rich soil, two feet apart each way; keep the earth loose about them in summer, and cover during the winter with dry litter or leaves for protection.

Green Globe..... Per pkt. 5c. Per oz. 40c
Jerusalem Artichoke. Cultivate like potatoes, but plant in rows not less than three feet apart. They are enormously productive, and are valuable alike as a table vegetable as well as for feeding stock. Per bushel, \$1.50. Per peck, 50c. 5 pound package, per mail (postage paid) 75c.

ASPARAGUS. *Asperge*, Fr. *Spargel*, Gr.

(One ounce will sow a row of thirty feet).

Sow early in spring, in drills one foot apart. To secure strong, healthy plants, thin out the seedlings to three or four inches in the rows. The one-year old plants should be set out in spring, in a rich, sandy loam, dug eighteen inches deep, into which has been worked plenty of well-rotted manure. Plant in rows fifteen inches apart, and twelve inches apart in the rows. Spread out the roots all round, and carefully shake the soil in amongst the roots and cover to a depth of four inches. Before winter sets in cover the beds with six inches of manure, and in the spring give a top dressing of salt. Every fall a good dressing of coarse manure should be applied, after the tops have been cut, and in spring forked in. Never cut too closely, as the roots need the benefit of some foliage during the year.



Conover's Colossal, or Early Purple Argenteuil. Large and productive, cultivated extensively for the Paris and other continental markets. Highly recommended. Per pkt. 5c; per oz. 10c; per 2 oz. 15c; per $\frac{1}{4}$ lb. 20c; lb. 50c.

Late Purple Giant Argenteuil. Similar to preceding, but later. Per pkt. 5c; per oz. 10c; per 2 oz. 15c; per $\frac{1}{4}$ lb. 30c; per lb. \$1.00.

Palmetto. An early variety of large size, very productive and of fine quality. Per pkt. 5c; per oz. 10c; per 2 oz. 15c; per $\frac{1}{4}$ lb. 25c; per lb. 75c.

ASPARAGUS ROOTS.

Giant Conover's Colossal, or Early Purple Argenteuil. Two year old roots, per 100, \$1.00.

Palmetto. An early, extra large variety, per 100, \$1.25.

Special price per 1,000. If to be sent by mail, add 25c per 100 to the price.

BROCCOLI. *Brocoli*, Fr. *Spargel Kohl*, Gr.

Sow end of April in the open ground, then transplant about two feet apart in deep, rich ground. They produce heads similar to Cauliflower. When they begin to flower break the large leaves over the head to protect them from the sun.

Early Purple Cape. One of the hardiest, and sure to head..... Pkt. 5c; oz. 25c; 2 oz. 40c; $\frac{1}{4}$ lb. 75c

Walcheren. A valuable sort, with large white heads..... Pkt. 10c; oz. 40c; 2 oz. 75c; $\frac{1}{4}$ lb. \$1.25

BEANS—Dwarf or Bush. *Haricot*, Fr. *Bohne*, Gr.

One pint will sow a row of fifty feet. The Dwarf or Bush varieties should be planted in rows, two and a-half feet apart, and two or three inches in the row. They are very sensitive to frost or cold, and should not be planted before the second week in May. Hoe often, and keep the ground mellow and draw the earth up to the plants. Plant the Pole or running varieties in hills three feet apart, and in the hills place poles from six to eight feet high.

BEANS—Dwarf or Bush—*Continued.*

DWARF YELLOW PODDED SORTS.



Early Valentine Wax Bean.

Valentine Wax Bean. Extra early. The pods are round, stringless and of the finest quality. It is remarkably free from rust and remains a long time before becoming tough. Combined with these valuable features of extreme earliness and excellence of quality is its enormous productiveness; in this respect, also, it excels any Bean in cultivation. Pt. 10c., qt. 20c., peck \$1.25.

Keeney's Rustless Golden Wax. Combines hardiness and productiveness with fine quality. Pt. 15c., qt. 30c., peck \$1.50.

Golden Wax. An extra early variety, with stringless pods, tender and delicious. Pt. 10c., qt. 20c., peck \$1.00.

Flageolet Golden Wax. This variety produces larger and longer pods than any other of the Yellow Poddied sorts. It is very productive, and for market purposes cannot be excelled. Pt. 10c., qt. 20c., peck \$1.00.

Black Wax or Butter. Pods transparent, waxy yellow, thick and very tender. Pt. 10c., qt. 20c., peck \$1.00.

Wardwell's Kidney Wax. Extra early, pods long and flat, remarkably free from rust. Pt. 10c., qt. 20c., peck \$1.00.

White Wax or Butter. Similar to the Black Wax, except in color, which is pure white. Pt. 10c., qt. 20c., peck \$1.25.

Crystal White Wax. Pods long and slender; excellent for canning. Pt. 10c., qt. 20c., peck \$1.25.

Detroit Wax. The hardiest and least liable to rust of all the butter beans, very productive. Pt. 10c., qt. 20c., peck \$1.00.

DWARF GREEN PODDED VARIETIES.

Valentine. Early, productive, tender, succulent and of excellent flavor. Pt. 10c., qt. 20c., peck \$1.00.

China. Very early and of fine quality. Pt. 10c., qt. 20c., peck \$1.00.

Yellow Six Weeks. Early and prolific, good for general crop. Pt. 10c., qt. 20c., peck \$1.00.

Mohawk. One of the hardiest and most productive. Pt. 10c., qt. 20c., peck \$1.00.

Refugee or One Thousand to One. Great bearer though not early; best for pickling. Pt. 10c., qt. 20c., peck \$1.00.

DWARF WHITE BEANS.

Burpee's Bush Lima. An immense yielder; each bush bearing from fifty to two hundred pods, filled with beans which are identical in size and luscious flavor to the well-known large pole Limas. Pkt. 5c., pint 20c.

Bush Lima (Henderson's). Dwarf and productive. Pkt. 5c., pint 20c.

Large White Kidney. Excellent as a shell bean. Pint 10c., quart 15c., peck 60c.

FOR WHITE FIELD VARIETIES, SEE AGRICULTURAL SEEDS.



Flageolet Golden Wax Bean.



Refugee Beans.

ENGLISH DWARF BEANS. *Fève, Fr. Grose Bohne, Gr.*

The English Beans are very hardy, and should be planted as soon as possible after the ground is open; plant in drills two and a-half feet apart, and three inches in the drills; when they are in full bloom and the lower pod set, pinch off the tops; this will ensure the filling of the pods, and hasten maturity. A strong, heavy soil suits them best.

Taylor's Broad Windsor. The largest and best of the class for general use. Per pint, 20c.; per quart, 30c.

POLE OR RUNNING.

Haricot à Rames, Fr. Stangen Bohne, Gr.

One pint will plant about seventy-five hills.

Dutch White Caseknife. Very productive and fine flavor. Pint, 15c.; quart, 30c.

Large Lima. The best of all the pole beans; plant when the ground is dry and warm. Pint, 15c.; quart, 30c.

Scarlet Runners. Very prolific, mostly grown as an ornamental plant. Pkt. 5c.; pint, 15c.; quart, 30c.

Giant Wax. (Red Seed). An extra early variety, with stringless pods. Pint, 20c.; quart, 40c.

Black Wax or Butter. An excellent variety, with tender succulent pods. Pint, 15c.; quart, 30c.

Asparagus or Yard Long. Pods tender and sweet. Pkt., 10c.; pint, 50c.

WHEN BEANS ARE TO BE
MAILED, ADD POSTAGE AT
RATE OF 4c. PER PINT.

BEETS. *Betterave, Fr. Runkle Rube, Gr.*

One ounce will sow a row of 40 feet ; 5 lbs. for an acre.

Beets require a deep, mellow soil ; may be sown from early spring to commencement of summer. The winter crop, to be tender, should not be sown too early. Sow in drills eighteen inches apart, and thin out the plants gradually to six inches from each other. Keep the soil well stirred throughout the season.



Edmands. ————— Eclipse. ————— Dewings. ————— Egyptian.

ROUND VARIETIES.

Egyptian Dark Red Turnip. A standard extra early variety ; very deep red, tender, and fine flavor. The best for early market. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Crosby's Egyptian Beet. A selection from the Early Egyptian, which, while it retains its earliness, has added thickness, giving it a more desirable shape ; it is the deepest red, almost black in color, and is of fine quality, sweet and tender. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Eclipse. An extra early turnip-shaped variety, remarkable for its rapid growth. The roots grow smooth, round shape, intense red skin, flesh very fine grained and sweet. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Edmand's Early. One of the most uniform, with small tops of bronze red. The bulbs are handsome and round, smooth and of good marketable size, fine quality, exceedingly sweet and tender. Skin and flesh dark blood red. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Dewings's Improved Blood Turnip. Roots deep blood red and of fine form and flavor. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Early Blood Turnip. Very tender, and good for early and late use. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Surprise. An early sort, the flesh being fine grained, tender and sweet, light color. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

The Lentz. A fine early variety of excellent quality ; good keeper. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 60c.

Early Bassano. Very early, tender and juicy, light color. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

LONG VARIETIES FOR WINTER USE.

Bruce's Long Dark Blood. Grows to a good size, half out of the ground, and with few or no side shoots ; color dark red ; good keeper. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 60c.

Non Plus Ultra. Roots medium size, dark blood color, with deep crimson leaves, which have a metallic lustre. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Dell's Improved Black-leaved. A fine dark foliated variety, the best for flower garden decorations ; color deep purple. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Beck's Improved Sea Kale or Swiss Chard. The leaf stocks, which are served up like sea kale, are by many considered as quite equal to that favorite esculent. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

FOR WHITE SUGAR BEETS SEE AGRICULTURAL SEEDS.

BORECOLE or KALE. *Choux Verts, Fr. Blaëtter Kohl, Gr.*

Sow early in spring ; cultivate same as cabbage. They supply a stock of excellent greens for spring and fall use.

Green Curled Scotch. Very hardy, and is improved by a moderate frost. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c.

Dwarf German. A dwarf variety ; leaves yellowish green and finely frilled. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c.

BRUSSELS SPROUTS. *Chou de Bruxelles, Fr. Kopf Kohl, Gr.*

Sow seed in May, transplant and cultivate same as cabbage. They grow from two to three feet high, and produce little heads from the axles of each leaf. They are very tender when touched by frost.

Brussels Sprouts. **Improved Dwarf.** Extra fine. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c.



CABBAGE. *Chou, Fr. Kohl, Gr.*

(One ounce will sow a bed four feet by ten and furnish about 2,000 plants).

Sow the early varieties in hot beds or frames, from February to April for early crops, and in the open ground as soon as the soil is in working order. For Fall and Winter Cabbage sow the seeds in beds in the open ground at the end of April, or early in May, and transplant into well manured ground. Early varieties should be planted in rows two feet apart, and fifteen inches in the rows; late varieties, two and a-half feet each way. The ground must be well worked to produce good heads. Hoe often and draw the earth around the plant.

To destroy the green worm that is so destructive to the leaves and heads of Cabbage and Cauliflower, use Hammond's Slug Shot. For price see insecticides (end of Catalogue).



Selected Jersey Wakefield Cabbage.

Burpee's All Head. The raiser says: The epitome of our claims for the All Head Cabbage is earliness, large size, great productiveness, good quality, and its adaptation to the market gardener's necessity for an all-the-year-round Cabbage. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Early Winningstadt. A standard variety for general use; heads large and remarkably solid; keeps well in hot or cold weather; quality first-rate. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

All Seasons or Vandergaw. A variety that has justly become very popular, and we recommend it to market gardeners and others. The heads are of large size, round, flattened at the top, and are ready to market nearly as early as Henderson's Summer, while they are hard and solid and keep well during the winter if planted late. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.



Succession Cabbage.

crop or for late use; the heads are very solid and of uniform size, averaging ten to twelve pounds in weight. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Express. Extra early, excels in earliness all others; it has the shape and appearance of Early Etampes, but is smaller, and eight to ten days earlier; has but a few outside leaves and therefore may be planted very close and yield large crops; for forcing can hardly be surpassed. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Early Etampes. A fine extra early, ox heart shape, and of excellent quality. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Selected Early Jersey Wakefield. To most growers the merits and characteristics of this variety are well-known. To those who may not be familiar with it, we would say that is justly considered by market gardeners as one of the best and most reliable early cabbages in cultivation. The seed we offer is unequalled in quality. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Charleston Wakefield. This variety is much larger than the preceding, but not quite so early. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Henderson's Early Summer. About ten days later than the early Wakefield, but fully double the size of that well-known variety; is offered as one of the best large, early cabbage. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Burpee's Surehead. A large and sure-heading main crop cabbage; a splendid keeper and shipper. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.



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W. H. LEE BURPEE & CO.

All Head Cabbage.

The Lupton. This fine second early Cabbage, named after the well-known Long Island grower, though similar in appearance to "All Seasons," is in many respects superior to that popular variety. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Nonsuch. Claimed to be the best second early or *all seasons* variety yet introduced, of the flat Dutch type, solid and of the finest quality; it will produce the largest heads in the shortest time of any cabbage grown. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

St. Denis Drumhead. A favorite winter variety, heads large, and very solid. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Autumn King or World Beater. Heads very large, broad, thick and solid; stalks short; foliage dark green with slight reddish tinge. A splendid keeper and one of the best Mammoth Cabbages in existence. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Premium Flat Dutch. A popular variety, tender and of superior quality. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Succession. Equally good as a medium early, main

CABBAGE—Continued.

Bruce's Winter. This is a new and distinct extra large and hardy variety; it produces enormous solid heads, attaining often twenty inches in diameter and weighing twenty to thirty pounds. It is very short stemmed, the head almost resting on the ground; is most productive. We strongly recommend a trial of it by market gardeners and other large growers. Per pkt. 5c., 1 oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Marblehead Mammoth Drumhead. Heads have been exhibited which weighed from 40 to 60 pounds each. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Filderkraut. Conical shaped heads, with very few side leaves. This variety is largely used in Germany in the manufacture of "Kraut." Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.



Fottler's Brunswick Cabbage.

Fottler's Improved Short Stemmed Brunswick. This, for a fall or winter cabbage, is without a rival. The heads are large and solid, often weighing from 20 to 30 pounds; it is a sure header, splendid keeper, and of excellent quality. The most profitable variety to grow. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

RED CABBAGE.

Large Red Drumhead. Produces very large, solid heads, of fine, deep purple color; the best of the class. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Red Dutch. A favorite sort for pickling; heads not so large as preceding. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Mammoth Red Rock. This is the largest red variety known, heads averaging over 10 pounds each, solid as a rock, and of a deep red color both outside and inside. Pkt. 5c., oz. 20c., 2 oz. 35c., 4 oz. 60c., lb. \$2.00.



Drumhead Savoy Cabbage.

SAVOY CABBAGE.

Large German Drumhead. Our stock of this favorite winter variety is unsurpassed for purity, and never fails to produce large, solid heads. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Green Globe Savoy. Heads small but tender, and of fine quality. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

CAULIFLOWER.

Chou-Fleur, Fr. Blumen Kohl, Gr.

One ounce will furnish about 1,000 plants.

Considerable care is necessary to keep up a supply of Cauliflowers from July to the end of the year. For early crops sow the seed in a gentle hot-bed about the middle of March, and for late crops sow in the open ground in May and June, and transplant like winter cabbage into rows two and a-half feet apart, and two feet between each plant. A deep, rich loam is the best to produce satisfactory crops of this favorite vegetable. In dry weather water frequently with liquid manure, and as they advance in growth hoe deep, and draw the earth to the stems; as they begin to head, water frequently, and keep the soil open by deep hoeings, and break the large leaves over the flower to protect it from the sun and rain. On the approach of frost, the plants which have not been headed may be planted out in a cellar, where they can be aired in mild weather, when they will form fine heads.

Early Snowball. A well-known extra early variety, heads pure white, large, solid and of extra quality; a sure header. Per pkt. 25c., $\frac{1}{2}$ oz. \$1.50, oz. \$2.50, 2 oz. \$4.75, $\frac{1}{4}$ lb. \$9.00.

CABBAGE PLANTS.
WELL KNOWN HAMILTON
BEACH GROWN STOCK.
PRICES ON APPLICATION.



Snowball Cauliflower.

CAULIFLOWER—*Continued.*

Bruce's Selected Early Dwarf Erfurt.

(Reproduced from a Photograph.)



What some well-known Market Men have to say about our Selected Erfurt Cauliflower:

Mr. John Watts, Kingston, writes: I wish to speak about your Cauliflower Seed. The strain I got from you produced the finest flowers I ever saw on the Kingston market. They took first prize at the Ottawa Exhibition.

Mr. Jas. Pycock, Toronto: Everything gave good satisfaction. The Cauliflower and Celery were very good.

Mr. Wm. Findlay, Montreal: Your cauliflower this year turned out first-class. If possible send me the same kind again.

Bruce's Selected Early Dwarf Erfurt. It is now twenty years since we first introduced this famous strain of Erfurt Cauliflower, and year after year it has become more popular, until leading market gardeners in nearly every section of the Dominion now grow it entirely, having discarded all the older varieties, as they find our strain of Erfurt to be the surest heading and altogether the most profitable sort for market purposes. On account of its dwarf and compact habit, the plants may be set out twenty to twenty-two inches each way, so that from twelve to fourteen thousand can be planted on an acre. For pickling it is the standard variety; in the compact and solid texture of the snow white heads, combined with its delicious flavor, it surpasses all other sorts. We obtain our supply of seeds direct from the growers, with whom we have a standing contract to deliver a stated quantity for each season, and knowing the scrupulous care exercised in the selection of only the purest and finest heads for seed purposes, have no hesitation in stating that for quality it is not surpassed by any other variety, no matter under what name it may be offered. Per pkt. 25c., $\frac{1}{2}$ oz. \$1.50, 1 oz. \$2.50, 2 oz. \$4.75, $\frac{1}{4}$ lb. \$9.00.

Extra Early Paris. Heads medium size. Per pkt. 10c., $\frac{1}{2}$ oz. 50c., oz. 80c., 2 oz. \$1.50, $\frac{1}{4}$ lb. \$2.50.

Half Early Paris, or Demi Dur. A fine variety. Per pkt. 10c., $\frac{1}{2}$ oz. 50c., oz. 80c., 2 oz. \$1.50, $\frac{1}{4}$ lb. \$2.50.

Le Normand's Short Stemmed. A variety producing large, white compact heads, from nine to twelve inches in diameter. Per pkt. 10c., $\frac{1}{2}$ oz. 60c., oz. \$1.00, 2 oz. \$1.75, $\frac{1}{4}$ lb. \$3.00.

Autumn Giant. The heads are pearly white, large, firm and compact. Per pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., 2 oz. 75c., $\frac{1}{4}$ lb. \$1.25.

Autumn King. In appearance it has some of the characteristics of the Autumn Giant, but it is dwarfier, earlier, and the heads are of an immense size, solid and as white as snow. Per pkt. 10c., $\frac{1}{2}$ oz. 40c., oz. 75c., 2 oz. \$1.40, $\frac{1}{4}$ lb. \$2.50.

Large Walcheren. A very large variety; sure header. Per pkt. 10c., $\frac{1}{2}$ oz. 25c., 1 oz. 40c., 2 oz. 75c., $\frac{1}{4}$ lb. \$1.25.

Mr. Jas. R. Todd, Owen Sound, writes: I had a splendid crop of Bruce's Erfurt Cauliflowers. I had 11,000 plants and every one gave me a good head. Your Seeds are extra good.

CARROTS. Carotte, Fr. Mohre, Gr.

One ounce will sow a row of 100 feet; three to four pounds for one acre.

The Carrot is an important root for the farm or garden, and deserves extensive cultivation. It succeeds best in a light sandy loam, richly manured and deeply dug. For early crops sow in rows eighteen inches apart, and thin out to six inches in the row. Hoe often between the rows and keep clear of weeds.

Early Scarlet French Horn. Stump rooted, color deep scarlet, and fine flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., 1 lb. 75c.

Early Guerande Half Long. Stump rooted, intermediate as to length between the French Horn and S. Nantes, but much thicker, attaining at the neck from 3 to 4 inches in diameter. Highly recommended. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., 1 lb. 75c.



Guerande Half Long Carrot.

CARROTS—*Continued.*

Chantenay Carrot.

Danver's Half-Long. A handsome stump rooted Carrot, of rich dark orange color, it grows to a large size, is smooth and the flesh very close in texture, with little core. Per pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Chantenay Half-Long Scarlet. Stump rooted; an excellent variety. Per pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Early Half-Long Scarlet Nantes. A large stump rooted variety; superior for table use. Per pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

St. Valery. A fine selection of the *Intermediate* type, but earlier and far superior in quality and shape; beautifully formed roots with very small core. Per pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

French Intermediate. A superior half-long pointed variety; good for garden and field culture. Per pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Early English Horn. Roots tapering; fine color. Per pkt. 5c, oz. 10c, 2 oz. 15c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Long Orange. Good for general crop, field or garden. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, lb. 50c.

FOR FIELD VARIETIES SEE AGRICULTURAL SEEDS.

CELERY. *Céleri*, Fr. *Sellerie*, Gr.

One ounce will furnish about twenty-five hundred plants.

For early crops sow the seed in hot-beds during March, and when three inches high transplant into a well-prepared bed, and protect with boards or mats in frosty weather. For late crops sow in April. When up to the above size transplant into a bed, three inches apart, and when about six inches high plant six inches apart into trenches for blanching; dig the trenches four feet apart and fifteen inches wide, and ten inches deep; fill in four or five inches of well rotted manure, and mix it thoroughly, half a spade deep, with the earth at the bottom. The tops and roots of the plants should be shortened, and the suckers pinched off before they are planted; give a good watering after planting; to blanch, earth up two or three times during their growth, holding the leaves close with the hand while the earth is drawn up, taking care that none of it falls into the centre of the plant. Celery, like Asparagus, is wonderfully improved by superior culture.

Paris Rose Ribbed. This handsome *New* variety, introduced by us last season, is practically identical with the Paris Golden Yellow, except that the naturally golden colored stalks are suffused with a warm rosy hue, which gradually fades towards the top of the stalks where it assumes a bright golden color when properly blanched and fit for the table. The plant is dwarf and heavy; the stalks broad, solid and brittle; while possessing in a marked degree the crispness, rich, nutty flavor and long keeping qualities for which red celeries are noted. Per pkt. 10c, oz. 60c, 2 oz. \$1.00, $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.



Paris Rose Ribbed Celery.



Giant Pascal Celery.

Giant White Pascal. This is the largest Celery grown as regards width and thickness of stalks. When fully grown the outer stalks average two inches wide, and are unusually thick, and are always *crisp* and *brittle*, snapping like glass, and having a rich nutty flavor. Unlike most other Celeries, it never becomes watery, and can be eaten when quite small. It is a very vigorous grower, free from rust, a grand keeper, and one of the best winter varieties catalogued. Per pkt. 5c, oz. 20c, 2 oz. 30c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

JOSEPH POTTER, Kingston, writes: I may say the seeds I got from you last year were good and true to name. The Giant Pascal Celery was the truest and best crop I ever grew.

CELERY—Continued.



Paris Golden Yellow Large Solid. Bruce's Selected. This fine variety, introduced by us in 1882, has now become the standard variety for general use. The stalks grow vigorously, with large ribs very thickly and closely set. It is self-blanching to a very remarkable degree. The heart is of a beautiful golden yellow color, very large, crisp and solid. Unlike other self-blanching varieties, it is an extra good keeper—keeping well all winter—and of the finest sweet flavor. On the market stall or table it is unequalled in handsome and striking appearance. Per pkt. 10c., oz. 50c., 2 oz. 90c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

White Plume. The stalk and portions of the inner leaves and heart are naturally white. Its eating qualities are equal to the very best of the older sorts, being crisp, solid and of a pleasing flavor, while the white feather-like foliage places it ahead of others as a table ornament. Per pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Pink Plume. This handsome new variety is practically identical with the well-known "White Plume," but with the added merit of the stalks being exquisitely suffused with pink and possessing the crispness, rich nutty flavor, and long keeping qualities for which red Celeries are noted. Per pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Golden Hearted Dwarf. The heart is large, and of a waxy golden yellow. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Dwarf Large Ribbed. A superior short, white, solid variety. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Perfection Heartwell. One of the best for winter use; quality extra. Per pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

The Prince of Wales or Sandringham. An unusually dwarf solid variety, very crisp and of rich nutty flavor, pure white. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Boston Market. A favorite white variety. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Hamilton Red. This is the best of the red Celeries, its distinctive features being its size, superior flavor and long keeping qualities. It grows about two feet high, the stalks being unusually broad; thick and crisp. Per pkt. 10c., oz. 40c., 2 oz. 75c., 4 oz. \$1.25, lb. \$4.00.

Major Clarke's Red. Very solid, crisp, excellent flavor. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Turnip Rooted or Celeriac. Has edible roots, which are used for soups, etc. Per pkt. 5c., oz. 20c., 2 oz. 35c., 4 oz. 60c., lb. \$2.00.

Celery Seed. For flavoring soup, etc. Per oz. 5c., lb. 40c.

Celery Plants. All the leading varieties, 75c. per 100. Special prices for large quantities.



Hamilton Red Celery.

CORN—SWEET OR SUGAR.*Mais, Fr. Maiz, Gr.*

When Corn is to be mailed, add postage at the rate of 4c. per pint.

One pint will plant one hundred hills. One peck for an acre.

Plant in hills three feet apart each way, and three or four grains in a hill. Hoe often and draw the soil to the stems; plant about the middle of May, and for a succession every two weeks until July.

First of All. It is claimed for this variety to be from three days to a week earlier than the Early Cory. In habits of growth it is rather dwarfer, although similar in appearance but superior in quality. A valuable market variety. Per pkt. 5c., pint 10c., qt. 20c., pk. 75c.

The Cory Sugar. This has now become the standard first crop variety with gardeners and market growers, having fully established its character as the earliest of all the Sweet Corns. The ears are large and of fine quality. Per pkt. 5c., pint 10c., qt. 20c., pk. 75c.

Early White Cory. A selection from the Cory, of the same character in all respects, except that it has a white cob and kernels. Per pkt. 5c., pint 10c., qt. 20c., pk. 75c.

Early Minnesota Sugar. A well-known early variety of finest quality. Per pkt. 5c., pint 10c., qt. 20c., pk. 60c.

Perry's Hybrid Sugar. An early variety, nearly as early as Minnesota and ears much larger, each containing from 12 to 14 rows of kernels. Per pkt. 5c., pint 10c., qt. 20c., pk. 75c.

Crosby's Early Sugar Rich sugary flavor; very productive. Pkt. 5c., pint 10c., qt. 20c., pk. 75c.

Nonsuch. An extra large eared second early. The fodder and cobs are pink in color, the corn when fit for use pur white, 10 to 14 rows on the cob. A most productive and desirable variety. Pkt. 5c., pint 10c., qt. 20c., pk. 75c.

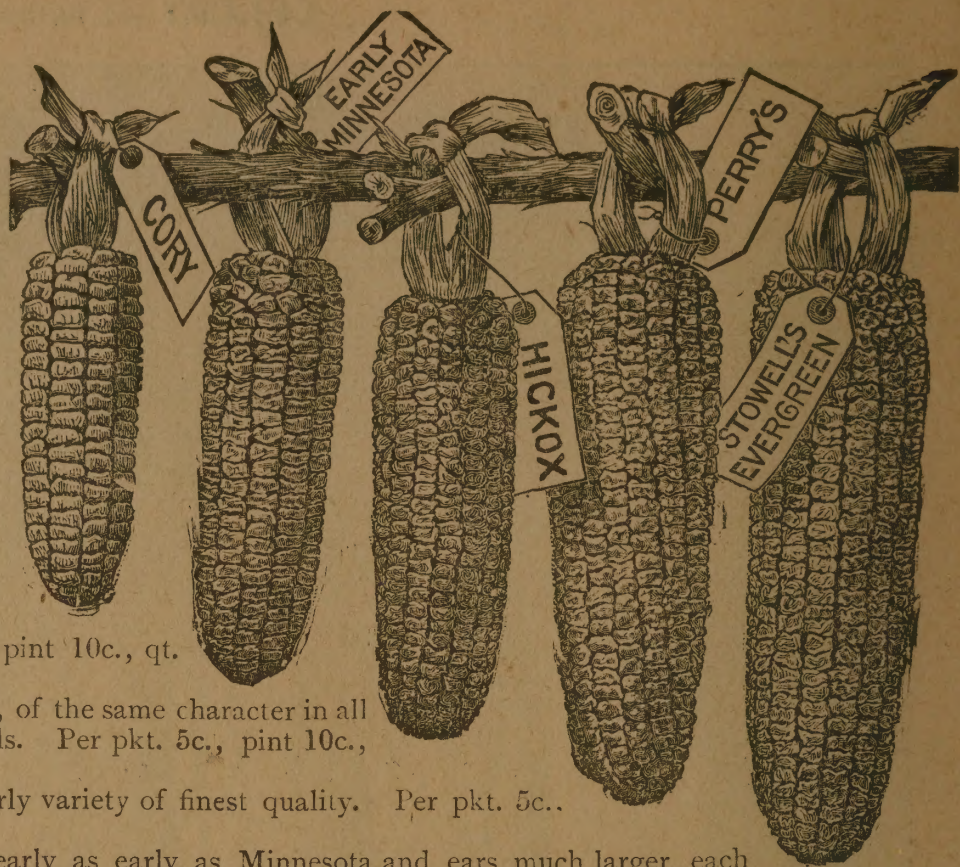
Hickox Sugar. A second early, ears nearly as large as Mammoth, more productive, and is largely grown for canning by the leading factories in Canada and the United States. Pkt. 5c., pint 10c., qt. 20c., pk. 75c.

Country Gentleman. An exceptionally productive variety, bearing 3 to 5 ears on the stalk, and of the finest quality. The cob is very small, giving great depth to the kernels, which are of pearly whiteness, sweet and tender. Matures a little before Stowell's Evergreen. Pkt. 5c., pint 10c., qt. 20c., pk. 75c.

Stowell's Evergreen Sugar. A standard variety, remaining green longer than any other kind. Pkt. 5c., pint 10c., qt. 20c., pk. 60c.

Mammoth Sugar. A late variety, and one of the largest, productive and fine flavored. Pkt. 5c., pint 10c., qt. 20c., pk. 75c.

Parching or Pop. Several varieties; red, black, white, etc. Per lb. 10c.

**CORN SALAD.** *Mache, Fr. Ackersalat, Gr.*

Sow the seed early in September, thickly, in shallow drills six inches apart, and protect through the winter with a slight covering of clean straw. It requires rich soil. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

CHICORY. *Chicorée Sauvage, Fr. Caffewurzel, Gr.*

It may be sown and treated in the same manner as carrots. Used to mix with, or as a substitute for coffee.

Large Rooted or Coffee. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

CRESS or PEPPER GRASS. *Cresson, Fr. Kresse, Gr.*

The curled and broad-leaved varieties sow thickly in shallow drills every two weeks throughout the season; give occasional waterings in dry weather. The Water Cress is an aquatic plant, with small oval leaves and prostrate habit. Sow the seed in a well prepared bed, and when rooted transplant to the banks of a running stream.

Extra Curled. The best for salads. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Broad Leaved. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

True Water. Pkt. 10c., $\frac{1}{2}$ oz. 25c., 1 oz. 40c., $\frac{1}{4}$ lb., \$1.25.

CUCUMBER. *Concombre, Fr. Gurke, Gr.*

One ounce will plant fifty hills. Two or three pounds for one acre.

OPEN AIR CULTURE.—For general crops, plant from the middle of May to the middle of June, in hills five feet apart each way, elevating the hills a little above the level of the ground. Put eight or ten seeds into each hill and cover them half an inch deep with fine soil, and press the earth a little over the seeds with the back of the hoe; keep the ground loose and clear of weeds, and in dry weather water occasionally; after they have obtained a vigorous growth, and the danger from insects is over, they should be thinned out, leaving four thrifty plants in a hill.



New Cucumber—The Emerald.

CUCUMBER—Continued.

The Emerald. New. The introducer of this new variety, says: "It is strictly an *evergreen*, retaining its color until fully ripe. Its fruit sets early, and its vigorous vines abound in long straight, handsome fruits, the flesh being peculiarly crisp and tender, and the flavor delicate. Highly recommended as a slicer; it is equally good for pickles. For forcing, for those who grow under glass, or for long distance shipping, it will prove a boon, on account of holding its deep green so much longer than most other sorts. As an all-purpose table or market variety, it cannot be surpassed." Per pkt. 15c., 2 for 25c.

Fordhook Pickling. This *new* and distinct variety is wonderfully prolific and almost a continuous bearer, for it produces plentifully after other varieties have ceased to bear. One of its great advantages is that it has a thin skin and is crisp and tender. It is a strong and vigorous grower, and for canners and market gardeners cannot be equalled. Pkt. 5c., oz. 15c., 2 oz. 25c., 4 oz. 40c., lb. \$1.25.

Early Russian. Fruit from three to four inches long and an inch and a half in diameter. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Early Cluster. A very popular early Cucumber, producing its fruit in clusters. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Improved Chicago Pickling. A very prolific variety, combining all the qualities desired by those who raise cucumbers for commercial pickles. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Improved Chicago Pickling Cucumber.

Long Green Prickly. Skin dark green, changing to yellow as the fruit approaches maturity; flesh white, somewhat seedy, but crisp, tender and fine flavored. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Green Prolific Pickling. A splendid variety, selected with great care by one of the largest growers of pickling cucumbers; 200,000 can be grown on one acre. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Early White Spine. One of the best table sorts and highly prized by marketmen on account of its color which never changes to yellow. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Boston Pickling. A popular variety for pickling. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Nichol's Medium Green. Equally good for the table or for pickles. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

White Pearl. About the size and general shape of the Improved White Spine, the fruit when ripe being pure white, flesh solid and of excellent quality. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Everbearing. Very early, small sized and enormously productive and valuable as a green pickler. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

West India Gherkins. Used only for pickles. Per pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

English Gherkins. Fine for table or pickles. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Stockwood Ridge. A black spined variety, twelve to eighteen inches long. Per pkt. 10c., oz. 50c.



Long Green Cucumber.

FRAME OR GREENHOUSE VARIETIES.

UNDER GLASS CULTURE.—Sow in small pots from middle of January; when grown to three leaves, plant out in previously prepared loose rich soil. Special care should be taken to keep up a uniform heat, both bottom and atmospheric. In forcing, the night temperature should not be allowed to sink below 60°, and the day heat should range from 70° to 80°. Admit air in all mild weather.

Telegraph. (Rollison's). One of the most reliable sorts. Per pkt. 25c

Blue Gown. A fine black-spined variety, from 18 to 24 inches long. " " 25c

Marquis of Lorne. A fine white-spined variety, of immense size and symmetrical form. Per pkt. 25c

Carter's Model. Perfect in outline, with scarcely any neck and of fine flavor. " " 25c

Lockie's Perfection. The fruit is of a beautiful green, of medium length, straight and short necked, carrying a splendid bloom, and of unsurpassed flavor; a wonderful cropper. Per pkt. 25c

CURLED CHERVIL. *Cerfeuil*, Fr. *Kerbel*, Gr.

Cultivated and used like Parsley; sow at any time in the spring, in shallow drills one foot apart. Per pkt. 5c., oz. 15c.

MR. W. MURRAY, Elphinstone, Man., writes: I suppose I am now one of your oldest customers, as it is now over 40 years since I got my first order filled by you.



Frame Cucumbers.

EGG PLANT. *Aubergine, Fr. Eirflanze, Gr.*

Sow the seed thickly in a hot-bed in March, and plant out at the end of May in a rich, warm piece of ground in rows two feet apart and one foot in the rows. They bear their fruit when about fifteen inches high.

New York Improved Round Purple. The leading variety; very large and productive. Per pkt. 10c, oz. 50c, 2 oz. 80c.

Long Purple. Very hardy; early and productive. Per pkt. 5c, oz. 25c, 2 oz. 40c.

GARLIC. *Ail, Fr. Lauch, Gr.*

Plant in rows six inches apart, and about two inches deep; leave a foot between the rows; when the leaves turn yellow take up the crop. It is used extensively for seasoning pickles, etc.

Large Italian. Sets, per lb. 40c.



Scotch Leek.

Bruce's Nonpareil Cabbage.

This well-known variety has proved itself during the past thirty-seven years to be one of the best Lettuces for out-door cultivation, and for forcing in the green house it has no equal; in color it is a beautiful yellowish green; the heads being large, solid and of the finest quality. Per pkt. 5c, oz. 15c, 2 oz. 30c, ¼ lb. 50c, lb. \$1.50.

The Gardener's Favorite. A standard variety for early forcing or out-door cultivation. It has no equal for flavor or crispness. Color yellowish green, heads large and solid. Per pkt. 5c, oz. 15c, 2 oz. 30c, ¼ lb. 50c, lb. \$1.50.

Hamilton Market. A variety of local origin; heads large, very solid, tender and well flavored. Color, yellowish green, and suitable for forcing and open air cultivation. Per pkt. 5c, oz. 15c, 2 oz. 30c, ¼ lb. 50c, lb. \$1.50.

Early Curled Simpson. (Black Seed); a good forcing variety. Per pkt. 5c, oz. 15c, 2 oz. 30c, ¼ lb. 50c, lb. \$1.50.

Grand Rapids. This variety is best adapted for forcing. Leaves medium size, of light yellowish green color, much crimped and frilled; forms a fair sized but loose head, crisp and of good quality. Owing to its upright habit, it may be planted very closely. A good shipper. Per pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. \$1.25.

Extra Early Ohio. Oval shaped heads, solid, sweet and crisp. A good variety for forcing. Per pkt. 5c, oz. 15c, 2 oz. 30c, ¼ lb. 50c, lb. \$1.50.

Boston Market or Tennis Ball. One of the earliest, heads small, solid, crisp and fine flavored. Per pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. \$1.25.

Brown Dutch. Very hardy, one of the very best for winter use. Per pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. \$1.25.

Blonde Beauty. Its beautifully curled white leaves, with their slight golden tinge, give it a pleasing appearance; heads large and solid. Pkt. 5c, oz. 15c, 2 oz. 30c, ¼ lb. 50c, lb. \$1.50.

Hanson. A well known variety, heads large and of finest quality. Per pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. \$1.25.

A CHEAP COLLECTION. No. 2.—1 Packet each of Flageolet Beans, Egyptian Beet, Bruce's Long Beet, All Seasons Cabbage, Guerande Carrot, Nantes Carrot, Pascal Celery, Cory Corn, Stowells Corn, Cress, Long Green Cucumber, Bruce's Nonpareil Lettuce, Hackensack M. Melon, Dixie W. Melon, Red W. Onion, Yellow Danvers Onion, Parsley, Bruce's H. C. Parsnip, Bruce's Early Peas, Little Gem Peas, Horsford's Peas, Pumpkin, Scarlet Turnip Radish, Long Scarlet Radish, Salsify, Viroflay Spinage, Hubbard Squash and Favorite Tomato. 28 Pkts. for \$1.00, postpaid.

ENDIVE. *Chicorée, Fr. Endivie, Gr.*

Sow middle of July, in drills or beds; when up, thin out to stand twelve inches apart; when the leaves are six or eight inches long blanch them by gathering the leaves in the hand and tying them together near the top with matting. It is highly esteemed as a salad.

Green Curled. Very heavy; leaves dark green; tender and crisp. Per pkt. 5c, oz. 20c.

White Curled. Leaves pale green; a good variety. Per pkt. 5c, oz. 20c.

KOHL=RABI.—TURNIP-ROOTED CABBAGE.

Chou-Rave, Fr. Kohl-Rabi, Gr.

Early Purple Vienna. Per pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c.

Early White Vienna. Per pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c.

LEEK. *Poireau, Fr. Porro, Gr.*

Sow early in spring, in drills or beds; when the plants are eight or ten inches high transplant them in rows six inches apart and twelve inches between the rows. Plant at least six inches deep to have them well blanched. By many they are preferred to onions for soup, etc.

Large Scotch, or Musselburgh. Grows to an immense size; hardy and fine flavored. Per pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

Extra Large Carentan. Very hardy; extraordinary size. Per pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. \$2.00.

LETTUCE. *Laitue, Fr. Lattich Salat, Gr.*

One ounce will sow a row of a hundred feet.

For early use, sow in hot-beds in February; and for general use, as early in the spring as the ground can be worked, in a well-prepared bed or drills; thin or transplant to one foot apart for heading. A sowing should be made at intervals throughout the season for succession.



Bruce's Nonpareil Cabbage Lettuce.



The Gardener's Favorite Lettuce.

Jersey Belle. Unlike other extra early sorts, does best on light soils. It is flattened on the ends, deeply ribbed and heavily netted, indicating by its outward appearance the exquisite quality of the beautiful green flesh within. Per pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Extra Early Citron. The largest of the very early Cantaloupes, form half flat, fairly webbed, flesh green. The merit of this sort consists in its extra early habit, for which it will be found profitable by all market gardeners. Per pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Emerald Gem. A splendid variety for gardeners on account of its great earliness and luscious flavor. Skin, while ribbed, is smooth, of an emerald green color; flesh salmon, and rind thin; melons of fair size. Per pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Skillmans' Early Citron. Very early; oval in shape; flesh deep green. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Osage or Miller's Cream Melon.

Early Orange Christiana. Yellow flesh. It is ten days earlier than the Nutmeg. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Delmonico. Is an oval melon of large size, and deeply netted. The flesh is an orange pink color, and of delicious flavor. Per pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

MUSTARD. *Moutarde, Fr. Senf, Gr.*

For early salad sow in hot-beds in February and March; and for general crops at intervals throughout the season, in shallow drills six inches apart.

White. For salad. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 30c.

MR. GEO. BEAUMONT, Parry Sound, writes: It is now 12 years that I have got my seeds from you and they have given good satisfaction. Last fall at our show I took first prize for best collection of Vegetables, and quite a few prizes for Tomatoes, Cauliflower, Squash, Carrots and Swede Turnips.

LETTUCE—Continued.

Paris White Cos. The finest form of Lettuce of the Cos type. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Early Curled Silesia. Very early and good for forcing. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

MUSK MELON. *Melon, Fr. Melone, Gr.*

One ounce will plant about sixty hills; three pounds to an acre.

CULTURE.—Plant middle of May, in hills six feet apart each way, eight to ten seeds in each, and thin out to three or four plants when in a state of forwardness. To grow good Melons, the hills should be prepared by digging out the soil from one and a-half to two feet deep, and two or three feet broad, according to the richness of the land. Add a very liberal quantity of best decomposed manure, and mix well with the soil, filling a little above the level. Seeds should not be put into the hills until the weather becomes settled and warm.



Extra Early Citron Melon.

Large Hackensack. A standard variety. The melons weigh from four to ten pounds each, and are of a delicious flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Extra Early Hackensack. This variety resembles its progenitor but is smaller and about ten days earlier. Per pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

The Princess. Fruit nearly round, with heavily netted dark green skin; the flesh is of a rich salmon color, and the flavor is sweet beyond description. Per pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Montreal Improved Green Nutmeg. This variety grows to a large size, beautifully netted and deeply ribbed, flesh light green, melting and of exquisite flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Osage or Miller's Cream. Flesh is a rich salmon color, very thick, sweet, rich and delicious. It has a thin rind, finely netted; a vigorous grower and very productive. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Bay View Green Flesh. A well-known variety, of vigorous growth, great productiveness, large size and delicious flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Extra Early Hackensack Melon.

WATER MELON. *Melon d'eau, Fr. Wassermelone, Gr.*

One ounce for every thirty hills ; four to five pounds for an acre.

The Water Melon is purely a tropical fruit, greatly appreciated for its refreshing coolness and delicious flavor. Cultivate same as Musk varieties, only that hills should be eight feet apart each way.

Sweet Heart (New). Early, uniformly large, handsome and productive. As a shipper and long keeper it has no equal. Fruit is oval, heavy, and mottled light green. Flesh bright red, firm, solid, but very tender. A profitable variety for market gardeners. Per pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



Dixie Water Melon.

Hungarian Honey. This is the most luscious variety known, and at the same time ripens early ; is of good size, perfectly round and productive ; skin a handsome, medium dark green, flesh bright red. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Phinney's Early. An early, hardy and productive red fleshed variety. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Black Spanish. A standard variety. Fruit medium size, almost round, skin dark green, flesh deep red, sweet and delicious. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Cuban Queen. Flesh bright red, remarkably solid, crisp and sugary, and for delicious flavor is unsurpassed. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Citron. Fruit round, flesh white and solid ; used for making preserves only. Red seed. Pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Citron Colorado Preserving. Of large size, very productive and of excellent quality ; green seed. Pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

MUSHROOM SPAWN.

Mushrooms can be grown in any cool, shady situation out of doors in the summer time, and during the winter months in any outhouse, shed or cellar where the temperature does not fall below 45°, and is tolerably uniform. Where such conditions are at hand, proceed as follows :—Collect the fresh horse droppings from the stable every day, shake out the greater bulk of the straw, and spread the remainder, not too thinly, over a floor in any shed where the rain is kept out. The best site for the bed is a dry, hard floor in any of the structures that we have before suggested, and the best size for a moderate bed is one which will measure about six feet by four, and not less than twelve inches in depth. Then commence to make the bed by putting in the droppings regularly and lightly in layers until the mass is about two feet deep. Beat or tread the materials until they are compressed firmly to the depth of about twelve inches, when a test-peg should be inserted to ascertain the temperature, and it may be left for a few days to heat. Take the peg out every morning and try the temperature with the hand, and as soon as the heat is found to be on the wane, and the test-peg can be handled comfortably, insert pieces of spawn about the size of a walnut at intervals of three or four inches apart and just below the surface of the dung. If there is no likelihood of the temperature of the bed rising, it may be soiled at once, otherwise it would be better to defer this for a day or two. The soiling consists simply of covering the bed to the depth of about three inches with good loam, which must be beaten firmly with the back of a spade. The test-peg must be inserted again, and then the only attention that will be required is to see that the temperature does not fall too low ; and if there should be any signs of this, the evil may be corrected by covering the bed with hay to the depth of three or four inches. In about six weeks time the Mushrooms should begin to show, and if the bed is getting dry give a watering with warm water, which will probably be required afterwards about once a fortnight, as success depends on maintaining a uniform temperature. **Fresh English Spawn**, in bricks, 20c. each, \$2.00 per dozen. If to be sent by mail add 5c. a brick for postage.



Mushrooms.

In about six weeks time the Mushrooms should begin to show, and if the bed is getting dry give a watering with warm water, which will probably be required afterwards about once a fortnight, as success depends on maintaining a uniform temperature. **Fresh English Spawn**, in bricks, 20c. each, \$2.00 per dozen. If to be sent by mail add 5c. a brick for postage.

ONION. *Ognon, Fr. Zwiebel, Gr.*

(One ounce will sow a row of 100 feet ; 5 lbs. to the acre.)

Onion seed is sown from the first of April to the middle of May—the earlier the better—provided the ground is dry enough to work light and fine. Rich soil, with a good application of manure every year, and proper attention, will almost invariably insure a good crop. Onions, unlike most other crops, may be raised on the same ground for an indefinite length of time. Onion sets and tops are placed on the surface in shallow twelve inch drills, about four inches apart, but not covered.



Early Red Globe. Globe shaped, skin deep red, flesh white ; mild and tender ; handsome in appearance and ripens early. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Extra Early Flat Red. Resembles the Wethersfield in color, but is much earlier ; valuable for heavy, late soils. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Large Red Wethersfield. Skin deep purplish red, flesh purplish white ; fine grained and stronger flavored than that of the yellow and early red varieties ; productive, and one of the best to keep. Per pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Danvers Yellow Globe. Bruce's Selected, a fine variety ; above the medium size, globular in form, skin yellowish brown, flesh white ; mild and well flavored ; very productive. The most profitable variety for market gardeners to grow. Per pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Danvers Yellow Flat. In quality equal to the preceding, but flat in shape. Per pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Yellow Dutch. Very flat and productive. Per pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

White Globe. A large globe-shaped variety ; very solid, of mild flavor, and good keeper ; clear white skin, and always commands the highest market price. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.25.

White Portugal. Large flat onion ; mild flavor ; fine for early winter use. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.25.

Welsh—Red or White. Used for salads. Sow the seeds of this variety in August. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

PICKLING ONIONS.

White Barletta Onion. An extra early small, white-skinned variety ; flesh pure white ; very mild in flavor ; excellent for pickling. Per pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

Queen. This is another extra early variety ; small, flat and mild flavored. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.25.

Small Silver Skin Pickling. A standard variety ; largely grown for pickles. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.



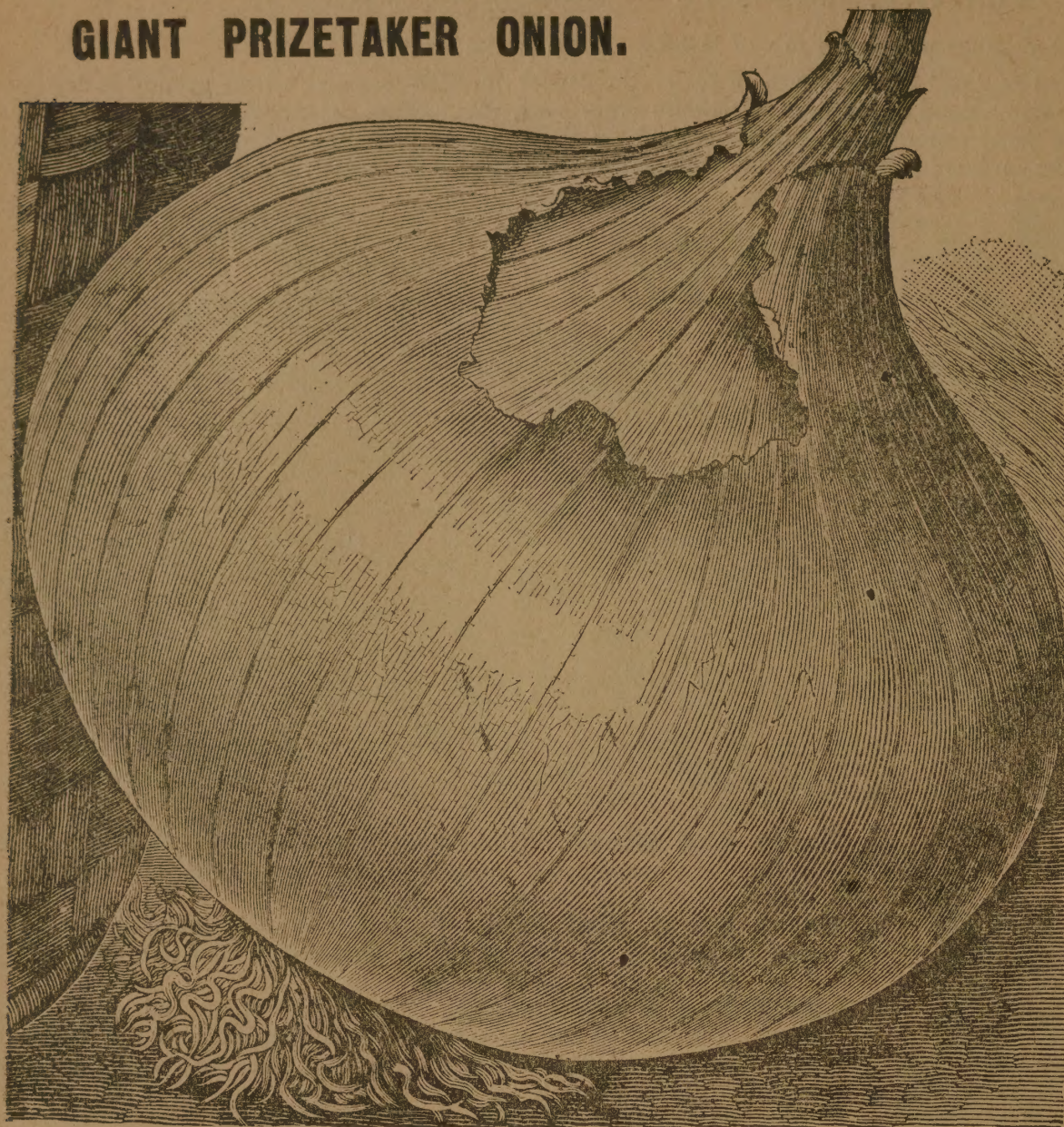
Barletta Onion.

To those requiring Onion Seed in quantity, we will be pleased to quote special prices on application.

MR. S. CODLING, Sanborn, N. Dakota, writes: Eighteen years we have used your Seeds and have been highly satisfied with them. We are pleased to send again for what we want.

ONIONS—Continued.

GIANT PRIZETAKER ONION.

NEAPOLITAN
ONION SEEDS.

The following varieties can be grown to an enormous size by sowing in the fall, say from the 1st of August to the 10th of September, and planting out the following spring, or they may be sown in a hot-bed early in the season and transplanted out as soon as the ground is in condition.

Giant Prizetaker. Of a rich straw color. This variety grows to an enormous size, averaging from 12 to 14 inches in circumference. Globe-shaped, solid and an excellent keeper; in flavor it is mild and sweet. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Giant White Tripoli. Large and handsome. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Mammoth Silver King A white-skinned and white-fleshed variety. It matures early. In shape somewhat flat and of an exceedingly mild and delicate flavor. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Giant Rocca. Large globular shape, light brown skin. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

ONION SETS.

When wanted in large quantities write for special quotations.

English Potato.....Per qt. 10c.
Top or Button....." 20c.
Shallots....." 10c.

Dutch Sets. Yellow. Per qt. 15c.
Dutch Sets. White. " 20c.

When sets are to be mailed postage must be added at the rate of 10c. per quart.

OKRA. *Gombo, Fr.*

Plant late in the spring (after the ground has become warm), in drills two and a-half feet apart, and thin out to nine inches in the row. Use the pods when green and tender.

Dwarf Green. Round smooth pods. Per pkt. 5c., oz. 20c.

PARSLEY. *Persil, Fr. Petersilie, Gr.*

Sow early in the spring, in drills twelve inches apart; thin out the plants to six inches apart. To have green during the winter, remove plants into a box, and place in a light cellar or cold frame.

Extra Curled. Leaves beautifully curled. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Champion Moss Curled. This is the perfection of parsley. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Carter's Fern Leaved. Invaluable for garnishing. Per pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

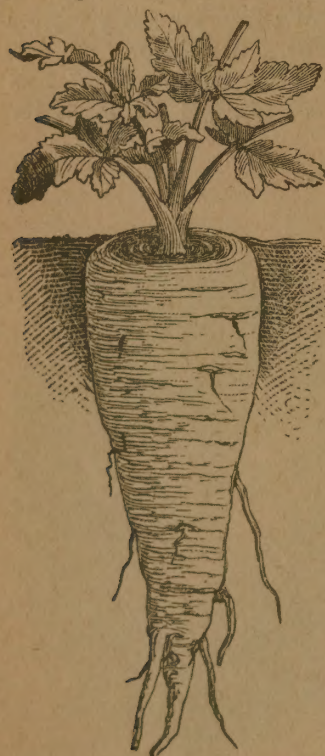
PARSNIP. *Panais, Fr. Pastinake, Gr.*

Sow as early as the ground will permit, in very rich, loamy soil, in rows fifteen inches apart, and thin to seven inches in the row. The roots are very hardy, and are greatly improved by remaining in the ground through the winter.

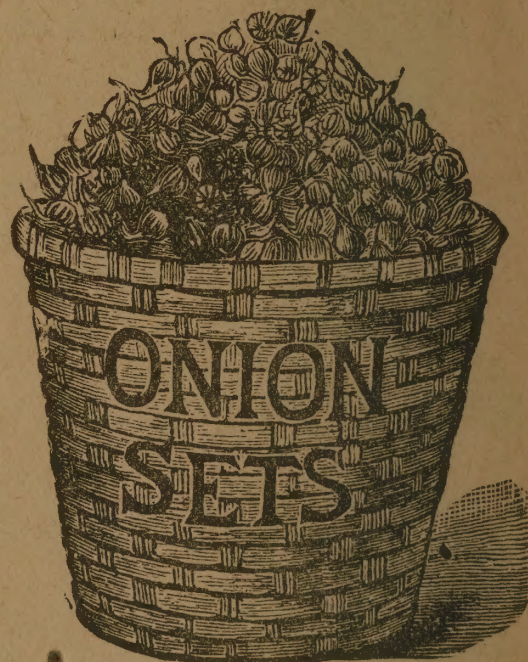
Bruce's Improved Hollow Crown. Will be found a decided improvement on the old variety; root finely shaped, and flavor excellent. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

The Student. A well-known variety of fine flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

HERBERT G. COMPTON, Esq., St. Eleanors, P. E. I., writes: I have had every satisfaction from your Seeds, particularly of the Parsnips. These grew 27 inches in length, and measured 13 inches in circumference. Have taken prizes each year with them.



Hollow Crown Parsnip.



PEAS. *Pois, Fr. Erbsen, Gr.*

One quart for a row of 75 feet.

The soil best adapted for the pea is a rich loam, well manured the previous year (use thoroughly decomposed manure if any, immediately before planting). For early crops, sow as early in the spring as the ground can be worked in drills three feet apart, and for a succession every two weeks until the first of July. When they are about two inches high, begin to draw the earth to the stems. Hoe often in dry weather. Peas should be soaked in water before planting, and if the ground be very dry, should be watered in the hills.

EXTRA EARLY VARIETIES.

When peas are to be sent by mail, add the postage at the rate of eight cents per quart.

Bruce's Early Conqueror. This well-known variety surpasses all other peas as to earliness. A prolific cropper bearing large pods; it ripens up with wonderful uniformity, making it the most profitable early pea for market gardeners to grow. Height, 2 ft. Per pint 10c., qt. 20c., peck \$1.00, bush. \$3.00.

Carter's First Crop or Ringleader. Very early and productive, with fair sized pods. Height, 2 ft. Per pint 10c., quart 20c., peck \$1.00, bush. \$3.00.

Improved Daniel O'Rourke. Is still a favorite with many large growers; pods large and uniformly well filled. Height, 2 ft. Per pint 10c., qt. 20c., peck \$1.00, bush. \$3.00.



Bruce's Extra Early Pea.



New Pea—William Hurst.

Blue Beauty. An early dwarf, blue variety. The pods are of medium size, well filled and borne with great profusion. In quality and flavor it cannot be surpassed by any other round, smooth variety. Height, about 20 inches. Per pint 15c., qt. 25c., peck \$1.25, bush. \$4.00.

American Wonder. This variety is justly entitled to take first position at the head of the list of Extra Early Dwarf Wrinkled Peas, and stands unrivalled in point of productiveness, flavor and quality. Height, 10 to 12 inches, with a very branching habit. Per pint 15c., qt. 25c., peck \$1.25, bush. \$4.00.

Percy C. Powys, Esq.,
Fredericton, N. B.,
says:

Your Seeds have always given the best of satisfaction.

Wm. Hurst. As early as the American Wonder. Of handsome dwarf growth, the vines are eight to ten inches high. The scimeter-shaped pods average three inches long, and are well filled with large peas, each pod containing six to eight, so closely packed that the peas are flattened against each other. Quality the very best; rich, sugary, and delicious in flavor. Per $\frac{1}{2}$ pint 10c., pint 20c., qt. 35c., peck \$2.00, bush. \$6.00.

Nott's Excelsior (New). A splendid extra early, a few days later than the American Wonder, but pods larger; very prolific and of splendid flavor. Height 1 ft. Per pint 15c., qt. 25c., peck \$1.25, bush. \$4.50.

SECOND EARLY VARIETIES.

McLean's Little Gem. This Pea is now a well-known standard variety. It is one of the best dwarf early sorts, and of exquisite flavor. Height, 1 ft. Per pint 15c., qt. 25c., peck \$1.15, bush. \$3.75.

Horsford's Market Garden. A wrinkled variety, prolific bearer; pods medium size, numerous and well-filled with peas of a delicious flavor. Per pint 10c., qt. 20c., peck \$1.00, bush. \$3.50.

McLean's Blue Peter. A splendid bearer, with large well-filled pods. Height, 1 ft. Per pint 15c., qt. 25c., peck \$1.15, bush. \$3.75.

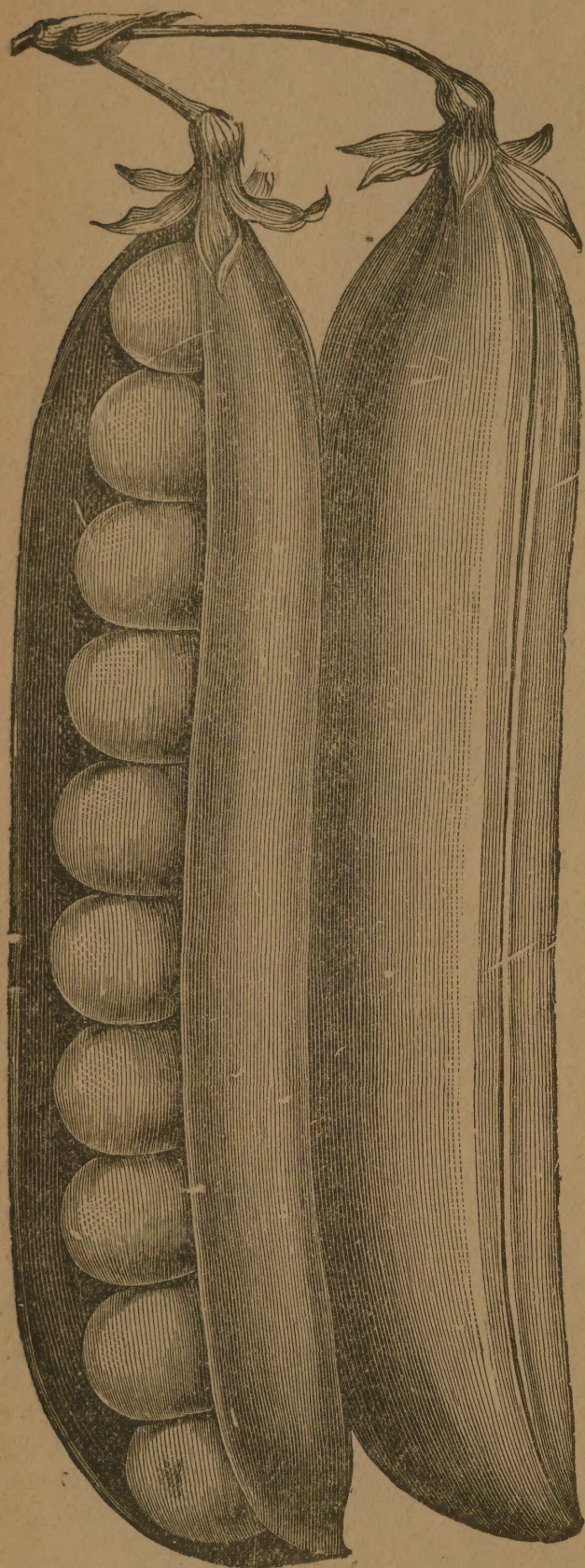
McLean's Advancer. A dwarf, green wrinkled variety of fine flavor; the best canner. Per pt. 15c., qt. 25c., peck \$1.15, bush. \$3.75.

GENERAL CROP.

Champion of England. Good for general crop, very fine flavor. Height, 4 ft. Per pint 10c., qt. 20c., peck \$1.00, bush. \$3.00.



Horsford's Market Garden Pea.

PEAS—*Continued.*

New Pea—The C. P. R.

form large size, sweet and mild. Pkt. 5c., oz. 30c.

Improved Bull Nose or Sweet Mountain. A large early variety, sweet and mild. Pkt. 5c., oz. 30c.

Long Red. Pods brilliant red, and three or four inches in length; very productive. Pkt. 5c., oz. 20c.

Long Yellow. Similar to the Long Red in shape and size, excepting in color. Pkt. 5c., oz. 30c.

Mammoth Golden Queen. (New). The largest of the yellow varieties. Pkt. 5c., oz. 40c.

Mammoth Spanish. One of the largest and earliest varieties; flesh is sweet and mild. Pkt. 5c., oz. 30c.

Monstrous or Grossum. A remarkably fine variety, growing to a large size. Pkt. 5c., oz. 40c.

Ruby King. Beautiful bright red; fruit very large and mild; one of the best. Pkt. 5c., oz. 40c.

Squash. Skin smooth and glossy; flesh thick, mild and pleasant to the taste. Pkt. 5c., oz. 30c.

Stratagem. This is one of the best of the many English Peas. It grows to a height of two feet, and the plant is literally covered with immense pods, many measuring nearly six inches in length, and frequently containing ten large, fine flavored Peas. Per pint 15c., qt. 25c., peck \$1.25, bush. \$4.50.

New Pea—The C. P. R. A main crop, blue wrinkled marrow Pea, growing about two feet high, of a sturdy, branching habit. It requires to be sown thinly, as the pods are produced from the very bottom of the plant to the top. The pods are large and slightly curved, and filled with peas of a fine deep green color and of the most delicious flavor. We strongly urge all growers to give it a trial. Per $\frac{1}{2}$ pint 10c., pint 20c., qt. 35c., peck \$2.00, bush. \$6.00.

Large White Marrowfat. A very prolific, first-rate variety. Per pint 10c., qt. 15c., peck 40c., bush. \$1.25.

Black-Eyed Marrowfat. Great bearer, large pods. Per pint 10c., qt. 15c., peck 40c., bush. \$1.25.

Bruce's C. P. R. Pea and What is Thought of It.

Mr. Jacob Bedford, Calf Mountain, Man. : The C. P. R. are the best Peas I ever planted, as many as eleven Peas in one pod. They are ready for use about the time the Little Gems are done, and continue until destroyed with frost.

Mr. J. E. White, Owen Sound : Your C. P. R. Peas we got from you last year, for size, productiveness, color and flavor beats anything we have ever tried.

Miss VanHorne, Covenhoven, N. B. : We found your C. P. R. Pea the best we had ever grown, and indeed, the best we had ever eaten.

Mr. Angus MacKay, Supt. Government Experimental Farm, Indian Head, in his annual report, says : The C. P. R. Pea was by far the finest variety for table. In quality and size it cannot be beaten.

PEPPER. *Piment, Fr. Spanisher Pfeffer, Gr.*

Sow early in the spring in a hot-bed, and transplant end of May in rows eighteen inches apart and ten inches in the row, and earth up a little at one or two hoeings.

Cardinal. From five to six inches in length, tapering to a point; of a glossy bright red color. Pkt. 5c., oz. 40c.

Cayenne. Pods are small, cone-shaped, coral red when ripe. Pkt. 5c., oz. 30c.

Cherry. The pods or fruit erect, nearly globular, cherry form; of deep, rich, glossy scarlet. Pkt. 5c., oz. 30c.

Chili. Pods pendant, shape conical, about two inches in length; very piquant. Pkt. 5c., oz. 30c.

Golden Dawn. A rich deep yellow pepper, of uni-



Long Red Pepper.

Mr. A. W. Ivey, Griswold, Man., writes : I have used your Seeds before, and I think that they are far superior to any other I have planted since I have been in Manitoba, now 12 years.

PUMPKIN. *Potiron, Fr. Kurbis, Gr.*

Plant middle of May in manured hills, eight feet apart, and leave but two or three plants in a hill.

Cheese. Medium size; one of the best for cooking purposes. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Large Yellow. Better adapted for feeding purposes than for cooking. Per pkt. 5c., $\frac{1}{4}$ lb. 10c., lb. 25c.

King of Mammoth, or Jumbo. This variety can be grown to an enormous size; flesh fine-grained and of excellent quality. Per pkt. 10c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Red Etampes. Large; flat; good for cooking. Per pkt. 5c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Japanese Pie. Crook-necked variety; productive; ripens early; medium size; good keeper. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

SELECTED SEED POTATOES.

The following varieties may be relied upon as genuine and of fine quality.



Bruce's White Beauty Potato.

pure white; fine grained and of the best table quality. Very productive.

Early Puritan. An early variety of handsome, oblong shape; skin and flesh pure white. Very productive.

Early Ohio. A very fine extra early potato of vigorous growth and superior quality. Our stock is fine.

PRICES OF ABOVE VARIETIES (POST-PAID), 1 lb. 15c., 5 lbs. 50c. BULK PRICES ON APPLICATION.

Beauty of Hebron, Freeman, Thorburn, Pearl of Savoy, Empire State, White Elephant and other standard varieties supplied. We usually commence shipping about the first of April (weather permitting).

RADISH. *Radis, Fr. Rettig, Gr.*

One ounce will sow a row of one hundred feet.

For early crops they should be sown in hot-beds in February or March, and in the open air as soon as the ground can be worked, and at intervals of ten or twelve days for a succession throughout the season. Sow in drills eight or ten inches apart, and thin to a distance of two inches in the drills. The winter varieties should be sown in August, and lifted before severe frost. A warm, sandy loam, made rich and light by some well-rotted manure, will be most likely to produce them brittle and free from worms.

Non Plus Ultra. A wonderfully rapid grower, which fit for use within three weeks; the root is round and bright scarlet; the flesh tender and delicate; it produces but few leaves. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

In and Out. (New). Similar in size and shape to the Scarlet Turnip White Tipped, but of smaller top and much quicker growth, coming to maturity in a little over twenty days. A desirable variety. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Lily White. (New). A handsome, white, turnip variety, having remarkably few leaves, which are small and closely set, comes to maturity in about twenty days. Skin and flesh pure white, of excellent flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Scarlet Olive Forcing. The largest of the forcing varieties, of a pure, deep scarlet color, the top being unusually small. This will be found a most profitable variety to grow. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Scarlet Globe. Handsome shape; color brilliant red; flesh white and crisp, mild and of fine flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Non Plus Ultra Forcing Radish.

RADISH—Continued.

FOR GENERAL GARDEN CROP.

Early Deep Scarlet Turnip. Color of the skin a very dark red, white flesh with very small tap root. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Scarlet Turnip, White Tipped. A standard market variety. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

French Breakfast. Oval form, color scarlet, white tipped. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Scarlet Olive-Shaped. Skin fine scarlet, flesh rose color. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

White Olive-Shaped. Same as above in every respect, except color. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

White Turnip. Skin white, flesh white, some days later than the scarlet. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 60c.

Half Long Deep Scarlet. An early variety, intermediate in shape between the Long Scarlet and the Scarlet Olive-Shaped. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Long Brightest Scarlet. This new variety resembles the old Long Scarlet in shape and size, but in color is very distinct, being of the most vivid scarlet imaginable, the tips of the roots being pure white. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Long White Vienna or Lady Finger. This is the best long white variety, of handsome form. Skin and flesh pure white, of very rapid growth. Remarkably crisp, brittle and tender. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Chartier. A long radish, of deep crimson color at the top, shading off lighter until at the bottom they become white. The roots attain a large size and remain for a long time tender and crisp. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

WINTER RADISHES.

China, Rose-Colored. Size medium, flesh firm, rather piquant. The standard winter variety. Per pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Black Spanish Round. Large round, skin black, of fine quality. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Black Spanish Long. Similar to the preceding in every respect, except shape. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

California Mammoth or White Russian. A giant white-fleshed fall radish. It grows from 8 to 10 inches in length and about 2 $\frac{1}{2}$ in diameter. Per pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

RHUBARB. *Rhubarbe*, Fr. *Rhabarber*, Gr.

Sow early in spring, in rows 12 inches apart; the following spring transplant into rows two feet apart each way; manure the ground to the depth of two feet. In raising Rhubarb from seed, no reliance can be placed on their producing the true varieties; the most expeditious and satisfactory mode to obtain a supply is to procure roots which will produce a moderate supply the first season.

Victoria. Very large, fine for cooking. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Myatt's Linnaeus. Very early and tender. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

SALSIFY or VEGETABLE OYSTER. *Salsifis*, Fr. *Haferwurz*, Gr.

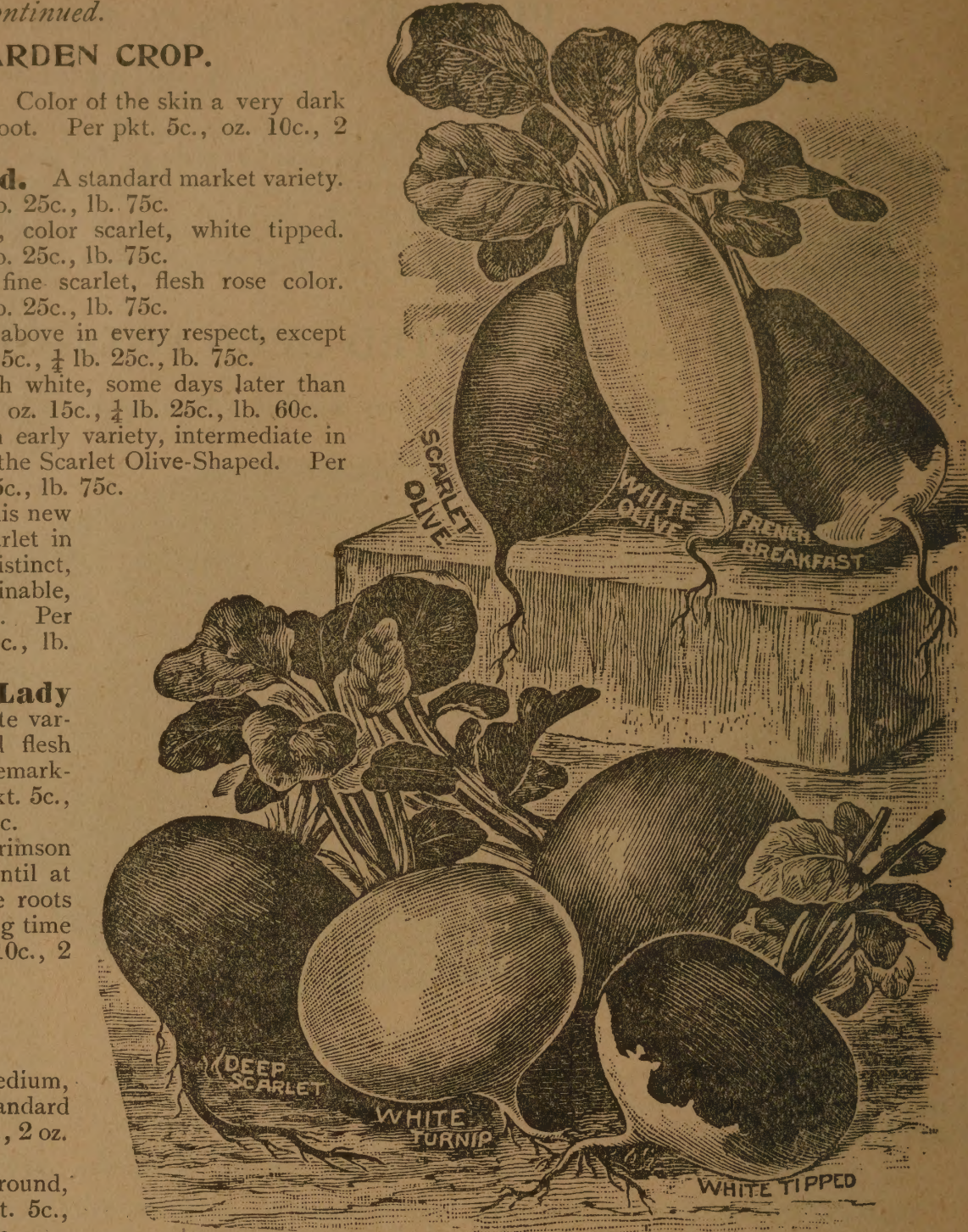
Sow early in spring, in drills twelve inches apart, one inch deep, and thin out to six inches in the row; cultivate similar to Carrots and Parsnips. They are quite hardy, and will stand the winter in the open ground.

Mammoth Sandwich Island.

Roots very large and of excellent quality. Per pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Long White. A standard variety.

Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



Mammoth Sandwich Island Salsify.

SEA KALE. *Cramb  Maritime*, Fr. *Meerkohl*, Gr.

Sow in drills one foot apart, and thin out to four inches in the row. When one year old transplant into hills eighteen inches apart, and three plants to each hill. On approach of frost cover about two feet thick with dried leaves. Per pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

SPINAGE. *Epinard*, Fr. *Spinat*, Gr.

One ounce will sow a row of 100 feet ; 10 to 12 lbs. for an acre.

Sow early in the spring, in drills one foot apart, and thin out to six inches in the row. Rich light soil is requisite to produce large, tender leaves. For winter crop sow end of August ; cover lightly with clean straw ; soak the seed six hours before sowing.

Monstrous Viroflay. Extra large, round leaved variety, with thick succulent leaves. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 30c.

Catillon Long Standing. A variety with large, thick, succulent leaves, which does not run to seed as quickly as other sorts. One of the best for market gardeners to grow. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 30c.

Fall or Prickly Seeded. Leaves long, thin in texture and erect. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 30c.

New Zealand. Produces leaves of the greatest succulency in the hottest weather. Per pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

SQUASH. *Courge*, Fr. *Speise Kurbis*, Gr.

One ounce for fifty hills.

Any good enriched soil is adapted to the growth of Squashes. They only thrive well in a warm temperature, as all the varieties are tender annuals ; and the seeds should not be sown in spring until all danger from the frost is past, and the ground is warm and thoroughly settled.

The hills should be made from eight to ten inches in depth, manured well, and the seeds covered about three-fourths of an inch deep. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants in a hill. The custom of cutting or nipping off the leading shoots of the running varieties is now practised to some extent, with the impression that it facilitates the formation of fruitful laterals and the early maturing of the fruit.

Early Yellow Scallop Bush. Early, flat, scallop-shaped, yellow and fine grained. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Early White Scallop Bush. Similar to the preceding except in color. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Early Summer Crookneck. One of the finest of the summer varieties. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Vegetable Marrow, Moore's Cream. Skin greenish yellow ; flesh white, soft, rich flavor. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Long White English Marrow. A very long, pure white marrow of finest quality, very productive. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Long White Bush Marrow. The fruit of this bush variety is similar in size and color to preceding. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Mammoth. Grows to a great size, often weighs 200 pounds ; good for stock. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Mammoth Whale—New. Very prolific, flesh solid, of an orange yellow color, and of excellent quality. Specimens have grown 3 feet long and weighed 100 lbs. A splendid winter keeper and well worth a trial. Per pkt. 10c., oz. 25c.



Long White Vegetable Marrow Squash.

Hubbard. The standard winter squash, color dark green, shell hard, flesh dry, fine grained and sweet. Excellent keeper. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Fordhook. A winter variety ; oblong in shape, color a bright yellow ; the flesh is dry, sweet and of the finest quality ; very productive, remarkable keeper ; skin thin, delicate ; meat thick ; seed cavity small ; a most desirable variety. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

The Faxon. A distinctive feature of this squash is that the ripe squashes vary in color, some of them being pale yellow while others are green, mottled and striped. The flesh is a deep orange yellow, cavity very small and seeds few. It matures early and can be used as a summer squash. It is the best winter variety, being a very late keeper. It is enormously productive, of medium size and the best possible quality. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Boston Marrow. A very popular variety, productive and a good keeper. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Perfect Gem. Excellent both as a summer and winter variety. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Essex Hybrid or Turban. A cross between the Hubbard and Turban, with color, shape and quality of the latter, and dryness and hard shell of the former. The flesh is sweet and thick, and a bright orange color ; long keeper. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Monstrous Viroflay Spinage.



Hubbard Squash.

TOMATO. *Tomate, Fr. Liebes Apfel, Gr.*

For early crops, sow the seed in a hot-bed in March; when two inches high transplant into pots or into another bed, and attend them carefully until all danger from the frost is past, then plant in hills four feet apart in a sheltered situation fully exposed to the sun, support them with brush to keep the fruit off the ground. This is a vegetable worthy of the most extensive cultivation.

Honor Bright—Livingston's New Tomato. *Its chief peculiarities* are its solidity, changes of color the fruit undergoes during development, long-keeping qualities after being picked, and its greenish yellow foliage. *The Vines* are vigorous and bear profusely from early to late in the season, succeeding well on various soils. *The Clusters* bear three to five large, symmetrical fruits on hard woody stems. The skin is crack-proof. *The color of the fruit, when fully ripe, is a rich bright red, but before reaching this stage it undergoes several interesting changes. First it is light green, then an attractive waxy white, then lemon, changing to red.* One of the most attractive and handsome varieties grown, and well adapted for home use and market, and on account of its solidity and long-keeping qualities, it is especially recommended for shipping. It can be shipped in barrels, like apples, if picked in the early stage of ripening, and will keep from one to four weeks if stored in a cool place. Per pkt. 10c., $\frac{1}{4}$ oz. 30c., $\frac{1}{2}$ oz. 55c., 1 oz. \$1.00.

Dominion Day. (New). This fine new Tomato combines with its extreme earliness, large size, magnificent color (a bright red), and delicious flavor. It is not liable to crack; is very free from core; is almost smooth and is a good yielder. Its great qualification, extreme earliness, makes it a very valuable variety, and we should recommend a trial of it. Per pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., 2 oz. 75c.

Atlantic Prize. A well-known extra early variety; largely grown for first crop. The fruit is solid and of good quality. Per pkt. 5c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.



Atlantic Prize Tomato.

Livingston's Favorite. Like the preceding, it is a popular canning variety of a fine dark red color. It ripens evenly, is very prolific, good flavor, flesh solid, and bears shipping long distances. Per pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Ignotum. Very early and prolific; color fine deep red; fruit smooth, heavy and solid, and of delicious flavor. Per pkt. 5c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

Royal Red. Main crop, very productive, of a rich deep red color; it is deservedly popular with canners and catsup makers. Per pkt. 5c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c., lb. \$3.

Mayflower. Very early; shape perfectly globular, slightly flat-headed and perfectly smooth; color glossy red, and ripens perfectly and evenly. Per pkt. 5c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

Livingston's Beauty. Large, dark crimson, tough skin; fine market variety. Per pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Dwarf Champion. Quite distinct in foliage and habit of growth; the leaves thick and different from any other; growth compact and upright. The crop ripens very early and evenly, and resembles the Acme in appearance. Per pkt. 5c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.



Honor Bright Tomato.

Early Ruby. Extra early. The peculiar open habit of the plant is a distinctive feature of this variety, the sun having a better chance to reach and ripen the fruit than in more compact and upright sorts. Per pkt. 5c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

Imperial. (New). Early, perfectly smooth, solid and of finest quality; in color a deep rich red, tinted with purple. A handsome table variety, highly recommended. Per pkt. 5c., oz. 30c., 2 oz. 55c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Livingston's Aristocrat. This fine new variety in habit and growth and foliage resembles the Dwarf Champion, the color of its fruit, however, is a beautiful rich glossy red. Per pkt. 5c., oz. 30c., 2 oz. 55c., 4 oz. \$1.00, lb. \$3.50.

Livingston's Perfection. A well-known early variety, which is more extensively grown for canning purposes than any other Tomato; blood red color, perfectly smooth; ripens uniformly, and is wonderfully productive. Per pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



Favorite Tomato.

TOMATOES—Continued.

Matchless. A magnificent variety, of a rich cardinal red color, entirely free from core, of large size, very uniform, smooth and not liable to crack. It is early, a splendid shipper, keeps well, and for quality and solidity it is hard to beat. Per pkt. 5c., oz. 30c., 2 oz. 55c., 4 oz. \$1.00, 1 lb. \$3.00.

Ponderosa. This monster variety is smooth, of a dark crimson color; all solid meat and fine flavor. Specimens have weighed 2 lbs each. Per pkt. 5c., oz. 35c., 2 oz. 60c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

The Stone. Large; bright scarlet; smooth and solid; ripens up to the stem without a crack; an excellent main crop variety. Pkt. 5c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

Mikado. Very large; smooth and solid; skin purplish red; has distinct and fine foliage. Pkt. 5c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

Golden Queen. Handsome, round, early and productive. Pkt. 5c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

Red and Yellow Pear-Shaped. { Used for pickles. } Pkt. 5c., oz. 40c.

Yellow Plum. { Used for pickles. } Pkt. 5c., oz. 40c.

Red and Yellow Cherry. { Used for pickles. } Pkt. 5c., oz. 40c.

Strawberry or Ground Cherry. A very fine variety for preserving. Pkt. 5c.; oz. 40c.

The Peach. Resembles the peach in size and color. An excellent preserving sort. Pkt. 5c., oz. 40c.

We can also supply the following varieties: **Canada Victor**, **Early Conqueror**, **Scovill's Hybrid**, **Trophy**, **Paragon**, **Optimus**, **Volunteer**, **Lorillard**, **Acme** and **Large Yellow**, at 5c. per pkt., oz. 30c., 2 oz. 50c., 4 oz. 90c., lb. \$3.00. Plants of the leading varieties supplied. Prices on application.

TURNIP. *Navet, Fr. Rube, Gr.*

For early crops sow as early in the spring as the ground can be worked, in drills twelve inches apart, and thin to six or eight inches; for general crops to the middle of August. They succeed best in light, rich soil. Black, loamy soil produces the sweet-flavored ones.

Scarlet Kashmyr. *New.* A distinct novelty of a deep rich crimson above, shading to a soft crimson-rose below, and of excellent flavor. It is an extra early, strap-leaved variety, with large, smooth, white-fleshed roots, of good keeping quality; smooth, thin, silky skin. Per pkt. 10c., oz. 20c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.



Nimble Dick.

Red Top Strap Leaf.

Early Nimble Dick. The earliest and most delicious table Turnip in existence; bulbs medium size, flat; color pure white. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Early Flat White Dutch. Size medium, of quick growth, juicy, excellent quality. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Purple Top Strap Leaf. Flesh fine-grained, rich and buttery flavored. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Bruce's Golden Ball. Skin bright yellow; flesh firm, sweet and well flavored. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Early White Stone. A very fine variety. Per pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Laing's Improved Purple Top Swede. An excellent Turnip for rich, free soils, very handsome, with a peculiar leaf and small top. Per pkt. 5c., $\frac{1}{4}$ lb. 10c., lb. 30c.

White Swede. Flesh pure white, of extraordinary solidity and well flavored. Per pkt. 5c., $\frac{1}{4}$ lb. 10c., lb. 25c.



Sweet Basil.

Sage.

Sweet Marjoram.

Summer Savory.

Thyme.

POT, SWEET AND MEDICINAL HERBS.

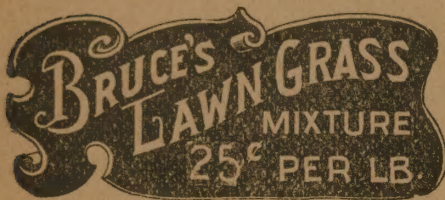
IN PACKETS AT FIVE CENTS EACH.

	Per Oz.		Per Oz.		Per Oz.		Per Oz.
Angelica.....	20	Caraway	10	Horehound	20	Rue	20
Anise	20	Castor Oil Plant.....	20	Hyssop	30	Saffron	15
Balm.....	40	Catnip.....	60	Lavender	20	Sage	20
Basil, Sweet.....	20	Coriander.....	10	Marjoram, Sweet.....	20	Summer Savory.....	15
Basil, Bush.....	20	Dill	20	Marjoram, Pot.....	50	Savory, Winter	20
Borage.....	25	Fennel, Sweet.....	20	Pot Marigold.....	20	Thyme	40
Belladonna.....	50	Fenugreek	15	Rosemary.....	40	Wormwood.....	30

John A. Bruce & Co's Collections of Vegetable Seeds

For the convenience of customers who are unacquainted with the most suitable varieties, we put up the following collections, comprising only the finest sorts which we know from our long experience are best suited for the district or province for which they may be wanted. *In every case purchasers of these collections will receive splendid value for their money.*

A COMPLETE ASSORTMENT FOR ONE YEAR'S SUPPLY.



No. 1 collection.....	\$ 50	by mail, postage paid.
No. 2 collection.....	1 00	“ “ “
No. 3 collection.....	2 00	“ “ “
No. 4 collection.....	3 00	“ “ “
No. 5 collection.....	5 00	“ “ “
No. 6 collection.....	10 00	“ “ “

These Collections will be forwarded free by mail to any P. O. in the Dominion.

TREE AND HEDGE SEEDS.

Sow in the spring, just as soon as the ground is in good working condition, in beds three feet wide; then draw the soil with the back of the rake, from the centre of the bed to a uniform depth of two inches. Sow the seed moderately thick and draw back the soil with the rake and evenly cover the seed to the depth of about two inches. Keep the beds free from weeds, and when the seeds begin to germinate, lightly cover the bed with pine boughs to shade the young plants from the sun. When all are up, the boughs should be gradually removed in order to harden off the young plants, and during the first winter cover the beds with pine boughs to protect the young plants from snow and the sun. Let the plants remain in the beds from two to three years, and then transplant into rows two and a-half feet apart, leaving six to nine inches between each plant. Keep the ground clean and mellow, and when the plants are strong enough remove them to where they are intended to remain.

Norway Spruce. We offer a large stock of transplanted stocky plants of the following sizes: 12 to 15 inches, \$6.00 per 100; 18 to 24 inches, \$10.00 per 100; 24 to 36 inches, \$15.00 per 100; suitable for hedges and wind-breaks. The above are home raised and altogether superior to imported plants. Orders are requested to be sent in by the 1st of May.

Norway Spruce.....	Per oz. 15c.,	per lb. \$1 00
Scotch Fir.....	“ 20c.,	“ 1 50
Silver Fir.....	“ 20c.,	“ 1 50
Juniper, Virginian.....	“ 25c.,	“ 2 00
Sugar Maple.....	“ 20c.,	“ 1 50
European Larch.....	“ 25c.,	“ 2 00
Austrian Fir.....	“ 20c.,	“ 1 50
Arbor Vitæ.....	“ 25c.,	“ 2 00
Hemlock Spruce.....	“ 50c.,	“ 6 00
Mulberry, Russian.....	“ 30c.,	“ 2 50
Black Walnuts.....	Per bushel,	1 00

Any of the above can be supplied at 10c. per packet.

SEEDS FOR HEDGES.

Sow the following in the fall, if convenient. If sown in the spring, soak the seeds, in tepid milk or water, forty-eight hours before sowing, which will assist the germination of the seeds. Sow in drills two feet apart, and when two years old transplant into rows two and a-half feet apart and nine to twelve inches between each plant. Hoe frequently and keep free of weeds, and when two feet high transplant them to where you want them to remain.

Acacia, Three Thorned or Honey Locust. (<i>Gleditschia triacanthos</i>). Very hardy and effectual against man or beast; admirably adapted for the prairies.....	Per oz. 10c.,	per lb. \$0 50
Buckthorn. (<i>Ramnus Catharticus</i>). Clean Seed.....	“ 20c.,	“ 1 50
Yellow Locust. (<i>Robinia pseudo acacia</i>).....	“ 15c.,	“ 1 00
Osage Orange. (<i>Maclura Aurantiaca</i>).....	“ 10c.,	“ 0 75
Berberry. (<i>Berberis Vulgaris</i>). Very hardy, producing a fine compact hedge, also valuable for its fruit, which is excellent for preserving.....	“ 20c.,	“ 1 50

FRUIT SEEDS.

Apple Seeds.....	Per oz. 10c. ;	per lb. \$0 50
Peach Seeds.....	“ “	30
Quince Seeds.....	Per oz. 20c. ;	“ 2 00
Strawberry, choice kind.....	Per pkt.	25
Currants, Red, White and Black.....	“	15
Cherry Pits, Mahaleb.....	Per lb.	\$0 50
Pear Seeds.....	Per oz. 15c. ;	“ 1 25
Plum Stones.....	“	30
Gooseberry, Red, Yellow and green.....	Per pkt.	25
Raspberry, Red and White.....	“	25

BIRD SEEDS.

Carefully cleaned, fresh and free from all impurities. If wanted by mail add 4 cents per lb. Special prices in quantity.

Canary.....	Per lb. \$0 07	Hemp.....	Per lb. \$0 07
Maw.....	“ 20	Millet.....	“ 5
Rape, German Sweet.....	“ 7		
Prepared Mocking Bird Food.....	Per box, \$0 25	Mite Exterminator.....	Per box, \$0 25
“ Parrot Food.....	“ 20	Moulting Pepper.....	“ 25
“ Nestling Food.....	“ 25	Bitters.....	Per bottle, 25
“ Fish Food.....	“ 15	Cuttle Fish Bone.....	Per lb. 50
Manna or Bird Bread.....	Per large cake, 15	Bird Sand.....	Per large package, 10

Remember, if ordering Beans, Corn, Peas, Sugar Beets, Field Carrots, Mangels, Field Turnips, Broom Corn, Clovers, Grass Seeds, Rape, Sorghum, Sunflower and Bird Seeds to go by mail, add postage at the rate of 4 cents per pound or pint to all points in Canada, and 16 cents per pound or pint to the United States.



...Agricultural Seeds—

In submitting our List of Farm Seeds we take pleasure in stating that our extensive stocks have been secured in excellent condition; they have, as usual, had the most careful supervision by our growers, from the time of planting until maturity, and may be depended on with reasonable degree of certainty to give satisfaction, when due allowance is made for imperfections of weather, soil and cultivation. The large increase annually in our trade with the farmers in all portions of the Dominion is an evidence of the superiority of our stocks, and of the personal attention we give to the interests of those who have, without intermission, patronized us so liberally.

☞ Sugar Beets, Field Carrots, Mangels and Field Turnips to be forwarded by mail require postage to be added to Catalogue prices at rate of 4c. per pound to all points in Canada, and 16c. per pound to the United States.

SUGAR BEET.

Sow from the middle of April to the first of June, in drills two feet apart, then thin to nine inches in the row. Five pounds of seed per acre. For milch cattle they are most valuable.

White Silesian. (Lane's Improved). Grows to a large size. Excellent for milch cows. Per $\frac{1}{4}$ lb. 10c., lb. 25c.

Red Top Silesian. This is the largest and heaviest cropper. Per $\frac{1}{4}$ lb. 10c., lb. 25c.

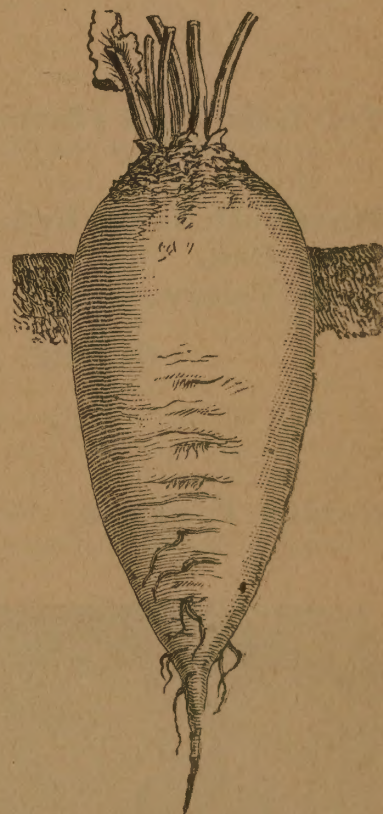
ABOVE VARIETIES IN 5 LB. LOTS 5 CENTS PER LB. LESS.

FIELD CARROT.

This is an indispensable root for the farm, and is deserving of more general cultivation. They succeed best on sandy soils; will also do well on strong clay loams, when perfectly pulverized, well drained and free from weeds. Well managed, there is no crop pays better, and most farmers would find an acre or so desirable. Sow from the middle of April to the first of June, in drills eighteen or twenty inches apart, and when about three inches high, thin to four inches between each plant. Sow three pounds of seed to the acre.



Mammoth Intermediate Smooth White Carrot.



White Silesian Beet.

Large White Vosges. The root is large and very thick at the shoulder, much shorter than the White Belgian and thus more easily harvested; skin and flesh pure white; a wonderful cropper and of excellent feeding quality. Per $\frac{1}{4}$ lb. 15c., lb. 35c.

Mammoth Intermediate Smooth White. This grand new half-long Carrot is somewhat longer than the preceding and more uniform in shape. The flesh is pure white, solid, of the finest quality. Very productive and easily harvested; a good keeper. This Carrot is sold under numerous aliases; our name for it is simply descriptive of the appearance of the best of all field Carrots. Per $\frac{1}{4}$ lb. 15c., lb. 35c.

White Belgian. (Improved). A well-known variety, of fine quality; most profitable for field culture. Per $\frac{1}{4}$ lb. 10c., lb. 30c.

Long Orange Belgian. Superior in quality and a heavy cropper. Per $\frac{1}{4}$ lb. 15c., lb. 40c.

Intermediate Scarlet. A very valuable variety for shallow soils. Per $\frac{1}{4}$ lb. 20c., lb. 60c.

Long Orange. Large, fine quality, good for general crop. Per $\frac{1}{4}$ lb. 15c., lb. 40c.,

Altringham. Long, deep red color, excellent. Per $\frac{1}{4}$ lb. 20c., lb. 60c.

MANGEL WURZEL.—CHOICE SELECTED STOCKS.

LARGE QUANTITIES AT SPECIAL RATES.

This is one of the most important crops cultivated for consumption on the farm, and in the vicinity of large towns is found to be a profitable crop for marketing. It is of easy culture. The weight of roots grown exceeds that of any other crop, and properly supplied to stock is perhaps the most valuable and nutritious. One of its best properties consists in its adaptation for long and safe storage, by which it is improved, as roots securely put into pits or cool cellars in October will come out in the early part of May containing more nutritive qualities than when put in, forming an admirable substitute for grass in a late season.

The heaviest crops of this excellent root are invariably grown upon a land which has been thoroughly cultivated and liberally manured.

The seeds should be drilled to secure a uniform depth, at the rate of five to six lbs. per acre. Sow from the middle of April to the first of June, in drills two-and-a-half to three feet apart, and thin to sixteen or twenty inches in rows. The intermediate, from its peculiar shape, may be allowed to stand closer than other varieties. For feeding milch cattle it stands unrivalled. An average crop is thirty tons, and on some of the sewage farms in England the enormous yield of eighty to ninety tons per acre has been grown.



The Gate Post Mammoth Long Red Mangel.

MANGEL WURZEL. — LONG VARIETIES.—Section I.

The following are the best adapted for deep, rich, loamy soil :

	Per ¼ lb.	Per lb.	In 5 lb. lots. Per lb.
The Gate Post (Bruce's). A select stock of the Mammoth Long Red. Roots remarkably large, smooth, and perfect in shape. The most profitable of the Long Red varieties	\$0 10	\$0 20	\$0 15
Mammoth Long Red. A well-known and popular strain.....	10	20	15
Long Red. Medium size, of good quality.....	10	15	12
Long Yellow. A good variety, producing large roots	10	20	15

GLOBE AND INTERMEDIATE SHAPED VARIETIES.—Section II.

Will succeed equally well with the above on light soils, but from the peculiar shape of the bulb may be grown on strong and even hard land with advantage, where the former would fail to yield a satisfactory crop.

Golden Tankard. Flesh golden yellow. This Mangel contains more saccharine and a higher proportion of flesh-forming constituents than any other Mangel. Per ¼ lb. 10c., lb. 20c. ; in 5 lb. lots, per lb. 15c.



Giant Yellow Intermediate Mangel.

Giant Yellow Intermediate. This is a new and distinct strain of the intermediate type; the enormous size of the roots, their handsome shape, bright, smooth, yellow skin, while the flesh is of the most solid texture and nutritious quality, makes it the most valuable introduction of recent years. Per ¼ lb. 10c., lb. 20c. ; in 5 lb. lots, per lb. 15c.

Yellow Intermediate. Large, solid, good keeper. Per ¼ lb. 10c., lb. 20c. ; in 5 lb. lots, per lb. 15c.

Red Fleshed Tankard. In shape it resembles the Golden Tankard; is large, solid and nutritious. Per ¼ lb. 10c., lb. 20c. ; in 5 lb. lots, per lb. 15c.

Mammoth Red Intermediate. Yields enormously. Per ¼ lb. 10c., lb. 20c. ; in 5 lb. lots, per lb. 15c.

Yellow Globe Very large and productive. Per ¼ lb. 10c., lb. 15c. ; in 5 lb. lots, 12c.

Warden Orange Globe. Similar to preceding, darker in color; fine quality; a grand keeper. Per ¼ lb. 10c., lb. 20c. ; in 5 lb. lots, per lb. 15c.

Red Globe. Large and fine. Per ¼ lb. 10c., lb. 20c. ; in 5 lb. lots, per lb. 15c.

TURNIP SEEDS.

LARGE QUANTITIES AT SPECIAL RATES.

The Turnip is now one of the most important crops grown on the farm, and its success, no doubt, depends greatly on the preparation of the soil and the judicious application of manure, but not less so on the quality of the seed and the care exercised in the selection of the bulbs from which the seed is saved. Impressed with this fact, we have for many years paid special attention to the growth of Turnip Seed, and the increased demand we experience each successive season, as well as the gratifying accounts we receive from all parts of the Dominion as to the excellence of our Turnip Seed, affords us satisfactory evidence of the superiority of our stock, and the success that has attended our efforts.

Bruce's Selected East Lothian Purple Top.

This fine variety has been carefully selected and improved so as to obtain a globular shaped root, free from the least tendency to coarseness; it is particularly adapted to the richer description of soils, and for long keeping qualities cannot be surpassed. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; 5 lb. lots, per lb. 15c.

Hall's Westbury. A well-known standard purple top variety; handsome appearance, large and solid, a grand keeper, and possibly the best shipping Turnip grown. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots, per lb. 15c.

Carter's Elephant Swede. A handsome tankard-shaped Swede, which matures early. The upper part of the root is dark purplish crimson, the flesh deep yellow, solid and nutritious, producing more weight to the acre than any other variety. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots, per lb. 15c.



Hall's Westbury Swede Turnip.

Bangholm Purple Top. A very large and handsome variety. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots, per lb. 15c.

Hartley's Bronze Top. Small neck and single tap root; very rich in quality and a first-rate keeper. Per $\frac{1}{4}$ lb. 10c., lb. 25c.; in 5 lb. lots, per lb. 20c.

Fettercairn Green Top. Will keep sound longer than any other variety; fine quality. Per $\frac{1}{4}$ lb. 10c., lb. 25c.; in 5 lb. lots, per lb. 20c.

White Swede. Remarkable for its nutritious properties, hardness and long keeping. Per $\frac{1}{4}$ lb. 10c., lb. 25c.; in 5 lb. lots, per lb. 20c.



Bruce's Selected East Lothian Swede Turnip.

Carter's Imperial Purple Top. One of the hardiest and best keeping Swedes. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots, per lb. 15c.

Marquis of Lorne Purple Top. This is a highly improved variety of the East Lothian type, produces a large weight per acre, and is very hardy. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots, per lb. 15c.

Royal Norfolk Purple Top. A heavy cropper and a good keeper. We consider this variety one of the best on our list for strong, heavy land. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots, per lb. 15c.

Drummond's Purple Top. A selected Scotch variety of great excellence, globular in shape, large, solid and of finest quality. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots, per lb. 15c.

Skirving's Improved Purple Top. This is a most robust grower and heavy cropper, but runs to neck on rich ground. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots, per lb. 15c.

Sutton's Champion. A purple topped variety, recommended for size and fine quality. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots, per lb. 15c.

Sharpe's Improved Purple Top. A very heavy cropper, with small top, thin neck. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots, per lb. 15c.



Carter's Elephant Purple Top Swede Turnip.

TURNIP SEEDS—*Continued.*

YELLOW FLESHED TURNIPS.

May be sown from the first week in July to the middle of August, either after it is considered too late for Swedes or on land of not sufficient good quality to produce Swedes, or when there is absence of a supply of manure.

Green Top Yellow Aberdeen. A hardy and excellent variety. Per $\frac{1}{4}$ lb. 10c., lb. 25c.; in 5 lb. lots per lb. 20c.

Purple Top Yellow Aberdeen.—Similar in quality to above. Per $\frac{1}{4}$ lb. 10c., lb. 25c.; in 5 lb. lots per lb. 20c.

WHITE FLESHED TURNIPS.

The varieties embraced in this class may be sown still later than the preceding, say from the middle of July to the end of August.

White Globe. Grows very large; is early and of fine quality. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots per lb. 15c.

White Stone or Stubble. A well-known and excellent variety. Per $\frac{1}{4}$ lb. 15c., lb. 50c.; in 5 lb. lots per lb. 40c.

Grey Stone. Grows to an immense size; is early, hardy and of excellent quality. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots per lb. 15c.

Improved Purple Top Mammoth. Grows to a very large size, and keeps well. Per $\frac{1}{4}$ lb. 10c., lb. 20c.; in 5 lb. lots per lb. 15c.

Red Top Strapleaf. A rapid grower; valuable variety for late sowing. Per $\frac{1}{4}$ lb. 15c., lb. 40c.; in 5 lb. lots per lb. 35c.



Improved Grey Stone Turnip.

LARGE QUANTITIES AT SPECIAL RATES.

BARLEY.

PRICES ON APPLICATION.

Improved Six-Rowed. Carter's Prize Prolific Two-Rowed. Duckbill.

BEANS—WHITE FIELD.

PRICES ON APPLICATION.

Where the soil is suitable, beans will be found a most profitable crop to grow, and at the same time there is nothing better for keeping the ground clean. We offer the following varieties at market rates:

Tree.	Boston Small Pea.
Medium or Navy.	Marrowfat.
	California Yellow.

BUCKWHEAT.

PRICES ON APPLICATION.

Common Grey. Japanese. Silver Hull.

BROOM CORN.

Succeeds in good deep soil; it is very sensitive to cold.

Long Bush Evergreen...... Per lb. 15c., 10 lbs. \$1.00.

CORN—FIELD VARIETIES.

Compton's Early 12-rowed Yellow. From its earliness and productiveness, this variety has given great satisfaction; it is also highly recommended as a fodder corn. Shelled, per peck 30c., bushel \$1.00.

Angel of Midnight. This is an extra early 8-rowed Yellow Flint variety; the grains are very large and compactly set on a very small cob. Shelled, per peck 30c., bushel \$1.00.

Early 8-rowed Yellow Flint. A well-known variety. Shelled, per peck 30c., bushel \$1.00.

Early White Flint, 8-rowed. A very profitable variety. Shelled, per peck 30c., bushel \$1.00.

Longfellow. A most desirable 8-rowed Yellow Flint variety. Shelled, per peck 30c., bushel \$1.00.



Angel of Midnight.

Kaffir Corn. A non-saccharine sorghum fodder plant. It grows from 5 to 6 feet high, is stocky and erect and has wide foliage. It produces 2 to 4 heads of grain on each stalk, and has the quality common to all sorghums, of resisting drought. It has yielded paying crops of grain and forage, even in dry seasons, when corn has utterly failed. Sow in drills, five pounds of seed to the acre, and cultivate the same as common corn; or broadcast, half bushel to the acre. Per lb. 10c., 5 lbs. 25c., 100 lbs. \$3.00. If wanted by mail, add postage, 4c. per lb.

CORN—For Fodder and Ensilage Purposes.

Our list of Corns embraces all the varieties that careful experiments have demonstrated to be the most valuable for cutting, for green fodder, and for use in the Silo for winter feeding. Dairying has become such an important industry in Canada, that any new introduction that tends to increase the products of the cow is sure to attract attention, and for this reason dairymen are close observers of the varieties that produce the best results. For cutting green we believe the Evergreen Sweet Corn will be found the most valuable on account of its richness, while the Dent varieties are better adapted for the Silo as they are less liable to become sour. The Corn we offer has been specially grown for seed and the germination carefully tested.

Mammoth Red Cob Ensilage. A well-known variety of great productiveness and most nutritious quality. Per bushel, shelled, 60c.

Mammoth White Cob Ensilage. Similar to the preceding in every respect. Per bushel, shelled, 55c.

Red or Yellow Western Horse Tooth. Per bushel, shelled, 50c.

New White Cap Yellow Dent. Expert Corn growers pronounce it a perfect field corn, as to yield, size of ear, color, size of cob, and growth of fodder. It matures in 90 to 95 days, and it is claimed for it that no corn in the world will yield as well on poor, thin land and none stand the drought as well. Per bush., shelled, 75c.

Pride of the North or Early Golden Dent. A very early Dent variety, ripening with the Flint sorts; the ears have from 14 to 16 rows and average 8 to 10 inches in length; the stalks are small with fine broad leaves. Per bushel, shelled, 75c.

Improved Leaming. A good variety for withstanding drought by reason of its earliness in maturing, strong and vigorous growth, and its stocky, leafy nature which enables it to stand until ripe. Per bushel, shelled, 65c.

Early Mastadon. It is claimed for this Early Dent variety that it has the largest number of rows on cobs and the longest grains of any corn so far originated. It is a strong and vigorous grower and comes to maturity in about 100 days. Per bushel, shelled, 75c.

Evergreen Sweet Fodder Corn. This is the sweetest and most nutritious of all the fodder varieties and will be found most valuable for cutting and using as green fodder. Per measured bushel, shelled, 90c.

Sanford. The best of all the White Flint varieties; it is very early, has abundance of leaves and is suitable alike for green fodder or ensilage purposes; we highly recommend it. Per bushel, shelled, 75c.

Cuban Giant. A splendid fodder or ensilage corn for Canada. It outyields the Red Cob, and is 10 days earlier; the fodder grows on the stalks in great quantities, and is of the finest flavor, almost as sweet as sugar corn. The grains are pure white, large, broad, long and of great vitality. Per bushel, shelled, 75c.

Cloud's Early Yellow Dent. Early, strong and vigorous, growing from 8 to 10 feet high, producing large, handsome ears, with unusually deep grains. This is a remarkably prolific corn, and should be largely grown. Per bushel, shelled, 75c.

Thoroughbred White Flint. Of spreading habit; not more than one kernel should be planted in a hill. Its great suckering habit, breadth of blade and smallness of stalk, recommend it as a fodder plant, while for ensilage purposes it is most valuable. Per bush., shelled, 75c.

Early Butler Dent. The fodder of this new sort grows up strong and rank. It roots deeply and withstands drought to a remarkable degree. Ears of good size. Matures in 90 to 100 days; Highly recommended. Per bush., shelled, 75c.



Mammoth Red Cob Ensilage.

Mr. Geo. Harcourt, B. S. A., Stock and Farm Editor of Farming, says: "The large growing varieties such as Mammoth White, Red Cob Ensilage and Rural Thoroughbred White Flint, should be planted very early and only in districts free from frosts until after the middle of September. Such varieties as the Mammoth Cuban, Cloud's Early Yellow and Improved Leaming ripen a little earlier, while White Cap Yellow Dent, Longfellow and Compton's Twelve Rowed will ripen shortly after 1st September."

CLOVER AND GRASS SEEDS.

The large increase in our home and foreign trade made it imperative for us to introduce into our premises the most modern machinery, which is run by electric power, and we have now the perfection of appliances for turning out superior samples of Seed Grain, Clovers and Grass Seeds. Increased sales and the complimentary references to the quality of our shipments has been ample compensation for our expenditure in this department; and our long connection with the best growers in the seed-producing districts give us exceptional advantages in securing the best samples offered.

CLOVER SEEDS.

Few seeds vary so much in quality as Clovers, and it is of the utmost importance to the Agriculturist to procure really good seed, clean and free from weeds, and though such samples necessarily command higher prices than lower grades, we invariably send out the very best we can procure, unless otherwise ordered. Fine samples, however, sow further, are cheaper, and are the most satisfactory in the end.

Clover Seeds being subject to constant variations, prices will be ruled by the Market. Special prices by the bushel.

Common Red. A well-known variety. Per lb. 10c.

Mammoth Red or Pea Vine. Valuable for ploughing under for manure. Per lb. 10c.

Yellow or Trefoil. Valuable for pasture. Per lb. 15c.

White Dutch. Highly esteemed for permanent purposes. Per lb. 20c.

White Dutch. Extra; selected for lawns. Per lb. 25c.

Lucerne, French, Alfalfa or Chilian. This is an invaluable and certain crop as green feed for horses and cattle, and one of the best forage plants for withstanding drought. It should be sown from the middle of April to the middle of May, in drills twelve inches apart, and may be cut three or four times a year. It thrives upon any soil where drainage is good, and as the roots penetrate the soil to a great depth, reaching the moisture, it continues green in the driest weather. Sow 15 or 20 pounds per acre. Per lb. 15c.



Lucerne Clover.

Bokhara. (*Melilotus Alba.*) A very vigorous growing variety; blooms early in August; about 2 feet high, Sow in spring. The flowers are white and very sweet scented, very valuable for bees. Per lb. 25c.

Alsike. (*Trifolium Hybridum.*) Excellent for low lands. Per lb. 15c.

Crimson or Scarlet Clover. (*Trifolium Incarnatum.*) Is an annual. The great mission of **Crimson Clover** is to furnish an abundance of most nutritive forage at seasons when our pastures are dead. It is the source of an unfailing supply of manure—in fact, it solves the problem of cheap manuring. Improves poor lands and restores to fertility those that have been worn down by excessive cropping. **Crimson Clover** grows at all times except when the ground is frozen. May be planted in spring, summer and fall. Splendid for reseeding Red Clover that has been winter killed. This Clover is extensively grown in the United States, and we give the latest methods adopted there for its cultivation, etc. Sow 12 to 15 lbs. broadcast per acre, cover light. All soils and situations seem to suit it. Try it on your poorest. If sown early it makes superior fall and spring grazing, and afterwards a good crop to mow. It is about 15 days earlier than Red Clover, and as a fertilizer, one acre represents as much value as twenty tons of stable manure. Per lb. 10c.



Crimson Clover.

Clovers and Grass Seeds going by mail require 4c. per lb. additional for postage.

GRASS SEEDS.

Greater attention is being given yearly to the improvement of pastures, and it has been found that where a mixture of permanent grasses has been added to Clover and Timothy, which have heretofore been almost the only seeds used, a better heat resisting sod and a richer and more lasting pasturage has been secured, and the result is of the utmost importance in our dry, hot climate. Many of the grasses contained in our list will be found invaluable for this purpose.

PRICES SUBJECT TO MARKET FLUCTUATIONS.
SPECIAL PRICES BY THE BUSHEL.

Agrostis Vulgaris, or Red Top Grass. A valuable native permanent grass, growing in almost any soil, moist or dry, and standing well our hot climate. Sow two bushels to the acre; weight per bushel, 14 lbs. Per lb. 15c. Fancy, for lawns, 25c. lb.



Bromus Inermis.

GRASS SEEDS—Continued.

Bromus Inermis. Hungarian Forage Grass. A hardy, strong growing, deeply rooted species, which has proved highly suitable for Manitoba and the North West. Sow 20 to 25 pounds per acre. Per lb. 20c.

Mr. S. A. Bedford, of the Government Experimental Farm, Brandon, in his report, says: "As a pasture grass, for this province, it is perhaps unequalled. Starting early in the spring it is fit to pasture two weeks earlier than our native grasses; the aftermath, late in the summer, is also very heavy.

Mr. Angus McKay, Government Experimental Farm, Indian Head, says: "This grass has been grown on the Experimental Farm for the past six years and has never failed to give good returns of hay and pasture."

Anthoxanthum Odoratum, or Sweet Vernal Grass. (*Perennial*). For a pasture mixture it is valuable on account of its vernal growth, and for the fragrant odors which the leaves emit when dry; sow 35 lbs. to the acre. Per lb. 50c.

Festuca Pratensis, or Meadow Fescue. A highly valuable species for permanent grass lands; it does not, however, attain its full productive power till the second or third year, when it exceeds most other sorts in the quality of its productive and nutritive matter; relished by stock both in hay and in pasture. Sow 40 lbs. to the acre. Per lb. 15c.

Dactylis Glomerata, or Orchard Grass. A valuable Grass on account of the quality of nutritious feed which it yields, and the rapidity with which it grows after being cut or grazed; it is well adapted for growing under trees or in orchards. If allowed to stand for hay it has rather a coarse appearance, but if grazed it always has a fresh green hue. Sow two bushels to the acre; weight per bushel, 14 lbs. Per lb. 20c.

Foxtail Meadow. (*Alopecurus Pratensis*). One of the best grasses for permanent pastures, possessing the three great requisites of quantity, quality and earliness; it is particularly adapted for moderately stiff clay and heavy soils. Per lb. 40c.



Orchard Grass, or Cocksfoot.

Lolium Italicum, or Italian Rye Grass. One of the most valuable grasses in Europe, being considered the best grass to cut green for soiling, affording repeated large and nutritive crops; we recommend it here for use in pasture mixture. Sow 3 bushels to the acre; weight per bushel, 18 lbs. Per lb. 13c.

Lolium Perenne, or English Rye Grass. One of the staple grasses of Great Britain, entering largely into the composition of most of the richest meadows and pastures. Sow 3 bushels to the acre; weight per bushel, 22 lbs. Per lb. 10c.

Phleum Pratensis, or Timothy. A grass so well known needs no description. Sow 15 lbs. per acre. Per lb. 10c.

Poa Compressa, or Canadian Blue Grass. A valuable native grass which should be in all pasture mixtures; it will do well on dry soils, or even on clay, hard trodden or poor soils. On account of its creeping root stalk, it forms a splendid turf. Per lb. 10c.

Poa Pratensis, or Kentucky Blue Grass. It thrives on a variety of soils, but does best in dry and somewhat shady locations; very valuable, as it will stand the hottest summers. Sow three bushels to the acre; 14 lbs. per bushel. Per lb. 15c.

Oat Grass. (*Avena Elatior*). Is most valuable for pastures on account of its early and luxuriant growth; it produces an abundant supply of foliage, which is relished by cattle early and late in the season. Per lb. 25c.

Sainfoin. (*Hedysarum Onobrychis*). A useful fodder plant. Per lb. 15c.

Bruce's Mixture of Permanent Grasses and Clover Seeds for laying down Land to Pasture.

When ordering Permanent Grass Seeds it is necessary that our customers should describe the nature and situation of the soil, subsoil, etc., and state whether they are to be sown with or without crop. Our mixtures are composed of the best Clovers and Grasses, and arranged in proper proportion to suit the various soils for which they are intended, our aim having always been to produce a rich and nutritious herbage in the shortest possible time. Quantity per acre, 25 lbs. Price per acre, \$2.50 to \$3.00, according to quality.

Below we give the Ontario School of Agriculture (Guelph) formula of Grasses and Clovers for Permanent Pastures:—

Six lbs. Meadow Fescue, 3 lbs. Timothy, 2 lbs. Canadian Blue Grass, 3 lbs. Orchard Grass, 3 lbs. Red Top Grass, 4 lbs. Lucerne Clover, 1 lb. White Dutch Clover, 1 lb. Alsike Clover, 2 lbs. Red Clover; total, 17 lbs. Grasses and 8 lbs. Clovers, being the quantities required for an acre. Price, \$3.00 for 25 lbs.: per lb. 15c. Reduced prices for large quantities.

MILLETS.

Annual forage plants, valuable for furnishing green fodder and hay, in from sixty to ninety days from sowing, producing on good soils an extraordinary yield of excellent forage, highly relished by stock. All varieties should be cut in the blossom. Sow from one-half to three-quarters of a bushel per acre.

Common Millet. (*Panicum Miliaceum*). Very early; height, two to three feet; foliage very broad and very abundant; heads very open, branching panicles; seeds glossy; oval and somewhat flattened. Per peck, 25c.; bushel, 75c.

German or Golden Millet. Medium early; height, from three to five feet; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough bristly sheaths. Per peck, 30c.; bushel, \$1.00.

Hungarian (Grass) Millet. (*Panicum Miliaceum*). Early; height two to three feet; abundant foliage and slender head; withstands drought and yields well on light soils. Per peck, 25c.; bushel, 75c.

PRICES SUBJECT TO MARKET FLUCTUATIONS.

Bruce's Select Mixture of Grass Seeds for Lawns.



The annual increase in our sales of Lawn Grass Seed is the best assurance of its superiority; and the testimony of those who have used it justifies our claim that it is the most perfect mixture in use for Lawns, Croquet, Cricket and Lawn Tennis Grounds. Price per lb. 25c., 100 lbs. \$20.00; postpaid 30c. per lb.

Our Mixture is composed of grasses specially selected to produce a close evergreen sod, calculated to withstand to the best advantage the summer heat, and sufficiently hardy to live through the extreme frosts of our northern winters. The greatest care is exercised in the selection of our grass seeds to use only such samples as are absolutely free from weeds, as it is generally found in the preparation of a new lawn that weeds indigenous to the soil are too plentiful without sowing them in a lawn mixture. A top dressing of thoroughly rotted manure in the fall, and a good sprinkling of bone dust in the early spring, with the addition of a light seeding, are great aids in the preservation of the sod. Sixty pounds of seed is sufficient for an acre, and one pound will sow a plot 15 by 20 feet, or 300 square feet.



OATS.

A CHANGE OF SEED ALWAYS PAYS.

Scotch Grown Oats—Pedigree Stock. Weight over 40 lbs. per measured bushel. For some years we have made a specialty of importing these, and they have given general satisfaction. This season we offer the following:

Black Tartarian. The best variety in cultivation.
White Potato. Very early, grain plump and heavy.
White Hopetoun. Not quite so early as the Potato.

5 LBS., POSTPAID, 50c.
PECK 35c.
BUSHEL (34 LBS.) \$1.00.

Black Tartarian. First year, from imported seed.....	Bushel. \$0 45
Black Tartarian. Ordinary good stock.....	35
Black Goanete. Very productive; best suited for heavy lands....	35
Giant Swedish, or Golden Giant Side Oat. Grows from 4 to 5 feet high, with strong, yellow, bright straw; panicles are of great length and the grains closely set, and enormously productive, many heads having been found containing over 250 grains.....	35
Holstein Prolific. This is a White Oat with large branching open head; grows 4 to 4½ feet high, with fine clean bright straw; panicle close and complete, completely covered with close set grains....	40
White Australian, New Zealand, or White Russian...	35
Triumph, or English White Cluster. A very early sort....	35
American Banner. The grain is of medium size, plump and even, and the straw stands up well. We recommend it highly.....	35
Siberian White. A very early, most productive variety; claimed to be rust proof; straw is stiff and strong; grain handsome, plump and valuable for feeding on account of its thin hull.....	40

PRICES SUBJECT TO MARKET FLUCTUATIONS.



RAPE.

Largely grown for soiling purposes; it is also excellent food for sheep, and is strongly recommended as a most profitable crop for stock raisers to grow. Sow at the rate of six pounds of seed per acre, and successional sowing, beginning in May, will insure crops from August onward.

Broad-Leaved Essex. Per lb. 10c. ; 25 lbs., \$2.00; in 100 lb. lots, \$7.50

PEAS—Field Varieties.

PRICES ON APPLICATION.

The Mummy. A large and prolific variety; straw strong and erect, bearing the pods in clusters on the crown.
Centennial. A grand pea; extra large and most productive.
Crown. Pods in clusters on crown or top of stock; prolific.
Golden Vine. A standard variety.

Blue Prussian. Very prolific.
Canadian Beauty. A very fine large Pea.
Grass. A good variety; impervious to bugs.
Marrowfat, White. A well-known variety.
“ **Black-Eyed.** A well-known variety.

SPRING WHEAT.

Manitoba White Fife. A well-known and popular variety.
Manitoba Red Fife. A well-known and popular bald variety.
Lost Nation, or White Russian. A bald, smooth head; grain amber color.
Manitoba Spring. A variety introduced some years ago from Manitoba; head bearded; grain large and plump.
Wild Goose. A most productive variety; head bearded with white chaff; straw very stiff, grain very hard and flinty; midge proof.

PRICES ON APPLICATION.

FALL WHEAT.

New Longberry.	Bearded Winter Fife.	White Leader.
New Diamond Grit.	Long Amber.	Red Clawson.
New Oatka Chief.	Pride of Genesee.	American Bronze.
New Arcadian.	Genesee Giant.	Dawson's Golden Chaff.

Our Fall Wheat Circular, which we publish in August, will contain a list of the best varieties of recent introduction, and will be mailed to all Applicants.

MISCELLANEOUS.

Cotton Bags. Fair. Per doz., \$2.00.	Rye. Fall. Per bushel, 60c.
“ “ Good. “ \$2.25.	Sugar Cane. Early Amber. Per lb., 15c.
“ “ Extra. “ \$2.50.	Sunflower. Common. Per pkt., 5c.; lb., 10c.
Flax Seed. Choice screened. Per 100 lbs., \$2.50.	“ Large Russian. Per pkt., 5c.; lb., 10c.
“ Meal. Best quality. Per 100 lbs., \$3.00.	Tares. Spring—Black. Per bushel, \$1.50.
Lentils. For Soup. Per lb., 10c.	Tobacco. Connecticut Seed Leaf. Per pkt., 5c.; per oz., 20c.; 4 oz., 60c.
Oil Cake. Fine ground. Per 100 lbs., \$1.40.	Wild Rice. Per lb., 25c.
Rye. Spring. Per bushel, \$1.00.	

ABOVE PRICES NOT GUARANTEED. SUBJECT TO MARKET FLUCTUATIONS.

Remember when ordering Grains, Clover Seeds, Grass Seeds, etc., to remit for Cotton Bags for holding the same.

FLOWER SEEDS.

A FEW BRIEF PRACTICAL DIRECTIONS ON THEIR MANAGEMENT.

To be successful in the raising of plants from seeds requires much greater care than is commonly exercised, and many packets of valuable seed are annually destroyed for the want of a little skill and forethought. Inattention to, or want of skill in watering, is undoubtedly the main source of failure, *a single hour of a dry surface at certain stages of germination being sufficient in many cases to destroy life.* Amateurs especially are reminded that there can be no fixed time for watering; *the surface of the soil must never be allowed to become quite dry, neither must it at any time be decidedly wet,* and to maintain this intermediate state is one of the essential conditions of success.

FLOWERING PLANTS ARE USUALLY DIVIDED INTO THE FOLLOWING SECTIONS.

ANNUALS, BIENNIALS, PERENNIALS.

Annuals. Plants which require to be sown annually, as they live and bloom only one season.

Biennials. Plants which do not bloom until the second season after sowing, remain a certain time in perfection and then die. They are produced from seed, and some of the finest varieties are continued by cuttings.

Perennials. Plants which continue to grow and bloom annually.

Annuals are called either *hardy*, *half-hardy* or *tender*. Hardy annuals will grow and blossom in the border without any artificial heat or protection, and may be sown during the months of May and June. The soil should be well prepared and neatly levelled, and the seed sown either in small patches each kind by itself, or in drills. In about a month, more or less, many of them will be fit to transplant, which should always be performed in cloudy or rainy weather.

Half-hardy annuals are applied to those annuals which, although they will flower freely in the open ground, require artificial heat to assist germination, and protection from atmospheric changes during the earlier stages of their growth. Many of them are of great beauty and interest, and derive an additional value from flowering after most of the hardy annuals are out of bloom.

Tender annuals require the aid of a green-house or conservatory to bring them to perfection. The seeds are generally sown in March, placing them in a warm part of the green-house or plunging them into a moderate hot-bed, carefully protecting them from cold, shading them from the sun and watering them with a fine rose watering pot.

Biennials and Perennials may be sown at the same time as Annuals of the same degree of hardiness and treated similarly, except such of the hardy kinds as do not bloom the first year. These last may be thinned out or removed from the seed beds as soon as they are well rooted, and planted either in different parts of the garden, or into a nursery bed, in rows a foot or more apart. Some Biennials and Perennials may be sown in September, or as soon as the seeds are ripe and if the plants get strong enough before the setting in of winter, most of them will flower the next summer.

On the Preparation and Management of a Hot-Bed for Raising Seedlings.

"Sow in heat, sow in hot-beds," are the directions so commonly found in the notices of half-hardy annuals, that we feel that we shall be materially aiding those who are their own gardeners, if we give a few simple directions on the subject of hot-beds, composed of stable manure, the most frequent and useful form in which it is to be found.

The preparation of the dung is a matter of great importance, and if the bed be expected to retain its usefulness for any length of time, it should be well worked previous to being used. If obtained fresh from the stable yard, and found to be dry, it should be well watered and thrown lightly together to ferment. This will take place in the course of a few days, and three or four days afterwards it should be completely turned, well shaken and mixed, keeping the more littery portion to the interior of the heap; a second watering and turning may be necessary, although one will be generally sufficient. When thus cleansed of its rankness the bed may be made.

The situation for this should be dry underneath, sheltered from the north as much as possible, and fully exposed to the sun; it should be built from two feet six inches to four feet high, and wider by six inches every way than the frame to be placed upon it. The dung should be well shaken and mixed up while being put together, and firmly pressed with the foot. The frame should be kept closed until the heat rises, and three or four inches of sifted sand or ashes should be placed on the surface of the bed. In a few days it will be ready for use; but air should be given night and day while there is any danger of the rank steam, and if the sand or ashes are drawn away from the side of the bed they should be replaced.

FLORAL COLLECTIONS

BY MAIL--POSTAGE PAID.

The following assortments are more especially adapted for culture by the amateur, and are composed of such varieties which with ordinary care will give a wealth of bloom during the summer and fall months. To induce those who, so far, have never made a trial of raising flowers from seed, we have priced these special collections much below regular rates.

COLLECTION A

Comprises, Asters, Balsams, Calliopsis, Candytuft, Mignonette, Morning Glory, Nasturtiums, Poppy, Portulaca and Sweet Peas. **10 Choice Varieties, 25c.**

COLLECTION B

Comprises Sweet Alyssum, Asters, Balsam, Corn Flower, Chrysanthemums, China Pink, Eschscholtzia, Marvel of Peru, Marigold, Mignonette, Nasturtiums, Pansy, Poppy, Petunia, Phlox Drummondii, Scabiosa, Salpiglossis, and Sweet Peas. **18 Choice Varieties, 50c.**

COLLECTION C

Comprises Truffaut's Asters, Camellia Balsams, Carnations, Double Pinks, Gaillardia, Mignonette, Nasturtiums, Choice Pansy, Choice Petunia, Phlox Drummondii Grandiflora, Larkspur, Choice Stocks, Sweet Peas, Choice Verbenas and Zinnias. **15 Extra Fine Varieties, 75c.**

COLLECTION D

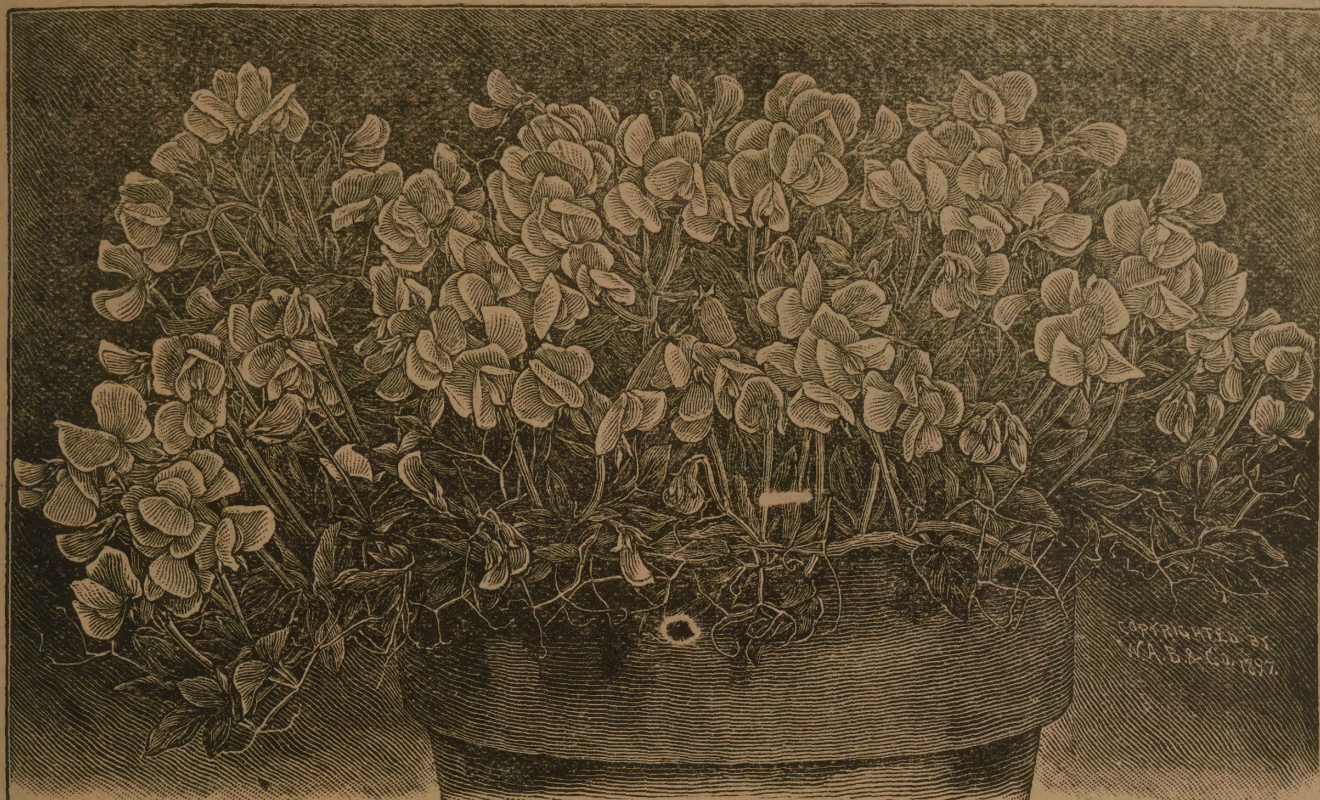
Comprises the leading novelties—Japanese Asters, Centaurea Marguerite, Winter Cherry, Nasturtium Liliput, Pink Cupid Sweet Peas, Double Morning Glory, Imperial Japanese Morning Glory, Defiance Mignonette, Golden Machet Mignonette and Gold Ring Marigold. **10 New-est Varieties, \$1.00.**

COLLECTION E.—PERENNIALS.

Comprises Coreopsis Lanceolata, Sweet Rocket, Campanula Pyramidalis, Phlox Decussata, Gaillardia Grandiflora, Scabious Caucasica. **6 of the most easily grown and finest flowering varieties. 25c.**

FLORAL NOVELTIES FOR 1898

THE DESCRIPTIONS GIVEN ARE THOSE OF THE RAISERS.



DWARF SWEET PEA—BURPEE'S PINK CUPID.

This little wonder, like the original Cupid, hails from California. It is not a sport from the original White Cupid, but an actual departure from its parent, the tall Blanche Ferry. In habit and manner of growth it is strictly a Cupid, spreading from the root, from a foot to eighteen inches around, growing from six to eight inches high, and shooting up stems about six inches long, which bear in full bloom at once, from *three to four handsome blossoms*, all borne close to the end of the stem. The standard of the flower, which has a distinct shell-shaped appearance, is a bright rose-pink, while the wings are pure white or light pink. The wings are very large and finely formed. The plant itself is vigorous and hardy, and those who had poor or indifferent success with White Cupid will find **Burpee's PINK Cupid easy to grow anywhere.** The seed, which is *black*, is of wonderfully strong germination, and the plant an early bloomer, coming into bloom simultaneously with White Cupid. Per pkt. 15c., 2 pkts. for 25c., or 10 pkts. for \$1.00.

WHITE CUPID.

This fine dwarf Sweet Pea, introduced in 1896, is a great favorite; it grows only 5 inches in height; the flowers are the size of *Emily Henderson*, but with more substance in the petals of both wings and standards than any other Sweet Pea. It bears two and three blossoms on the end of each stem, all opening about the same time, so that it is unnecessary to pick a stem with a bud and an open blossom. Per pkt. 5c., oz. 20c.

NEW JAPANESE ASTERS.

The beautiful flowers of this new strain of Asters offer a most striking contrast to those of any other variety. They are of immense size, measuring from five to six inches across, with long petals curiously waved and curled, so as to give them a striking resemblance to the most disheveled Japanese Chrysanthemums. It is a vigorous growing plant, 14 or 15 inches high, well branched, and producing quite a number of those enormous flowers.

It has obtained a first-class certificate from the French National Horticultural Society, which it well deserves, as may be seen by the accompanying engraving, which is a true representation of it. Mixed colors. Per pkt. 10c.



New Japanese Aster.

FLORAL NOVELTIES—Continued.



Nasturtium Liliput.

MIGNONETTE, GOLDEN MACHET.

All the excellence peculiar to the justly popular Machet Mignonette, recognized by every raiser as the best for forcing and pot culture, are possessed also by this new variety. The plants are of strong compact habit, with large crinkled leaves peculiar to the Machet, and bear long massive spikes crowded with golden yellow blossoms, of which the annexed cut gives a fair representation. This novelty is as valuable as it is distinct, and cannot fail to attain a great popularity. Per pkt. 15c.

DEFIANCE MIGNONETTE.

Most magnificent, even in the open ground. Its full, round spikes, when grown under favorable conditions in the greenhouse, are of gigantic size, measuring from *twelve to fifteen inches long*, with individual flowers of enormous size and of an *intensely rich perfume*. The graceful spikes, borne continuously, retain their beauty and fragrance in water *two weeks after cutting*. Per pkt., 15c.



Japanese Morning Glory.

NASTURTIIUM LILIPUT.

(*Tropaeolum Lobbianum compactum*.)

An entirely new class of Dwarf Nasturtiums. The plant is in every respect smaller than the Tom Thumb, and the dainty little flowers, produced in the greatest profusion and jauntily peering up well above the small cut and bushy foliage, make it one of the prettiest annuals imaginable.

The blossoms appear in the most various and showy colors, and it is especially noteworthy that some quite new shades appear among them, such as are not represented in the old class. This feature and the further one that the seed is much smaller than the Tom Thumb Nasturtium, and similar to that of the Lobbianum section, are the best evidence that we have here to do with an entirely new break in the *Tropaeolum* family. Per pkt. 15c.



Golden Machet Mignonette.

DOUBLE FLOWERING MORNING GLORY.

The vines of this double flowering variety make as rapid growth and dense foliage as the single varieties. Flowers are white with a spot of red or blue at the base of the larger petals. About 80 per cent. of the seedlings come true from seed. We are sure the number of hardy climbing annuals is not so great that this new Double Morning Glory will not gain a prominent position. Per pkt. 10c.

IMPERIAL JAPANESE MORNING GLORY.

The handsomest of a handsome family, of the easiest culture and of strong and rapid growth; the foliage is of varied forms and the markings fantastic. The flowers are very large, of good substance, remaining open most of the day, and the colorings are beyond description. There is nothing in the vegetable kingdom to compare with them in their diversity of shade and combination. Per pkt. 10c.

FLORAL NOVELTIES—Continued.

**CENTAUREA MARGUERITE.**

Distinct from all other Centaureas. The plants grow from $1\frac{1}{2}$ to 2 feet high, and are of the easiest culture. The large flowers are of the purest white, deliciously fragrant and freely produced on long stems, which render them invaluable for cutting. Per pkt. 15c.

WINTER CHERRY.

(*Physalis Francheti*.) This new plant grows from $1\frac{1}{2}$ to 2 feet high, is of erect habit and covered with beautiful foliage, which shows off its brilliant seed pods to great advantage. The latter, the striking feature of the plant, are almost globular, over 2 inches in diameter, of a shining orange red tint, and enclose a cherry-like fruit of the same color. This is edible, and recommended as a preserve. The intense color of the seed pods makes the plant very valuable for all sorts of decorative work, and it produces a most striking effect in the garden. Hardy perennial. Pkt. 15c.

NEW SWEET PEAS.

The following four varieties are the best of the set of six, introduced by the great Sweet Pea expert, Henry Eckford, in 1897:

Coquette. Beautiful hooded flowers of fine substance and large size.

The wings are a clear primrose-yellow, while the standard is shaded pale lavender on a primrose ground, the shading becoming deeper in the middle, where a crease is formed by the curving sides of the large standard. The whole effect of the flower is that of a pale yellow with a purplish-pink cast. Pkt. 10c., oz. 25c.

Lovely. First-class Certificate, Edinburgh. A most pleasing shade of pink; wings delicate rose; charming color; large, very grand flower. A great acquisition. Pkt. 10c., oz. 25c.

Mars. Award of merit, R. H. S. Bright, fiery crimson, deepening with age; a large, finely expanded, bold flower of the most beautiful form. A great advance on every crimson yet introduced. Pkt. 10c., oz. 25c.

Prima Donna. A most lovely shade of soft pink, of large size and fine form; a great gem; very frequently bears four flowers on a stem, which are extremely prettily placed. Pkt. 10c., oz. 25c.

**SINGLE FRENCH MARIGOLD
GOLD RING.**

This really charming variety somewhat resembles the old one, Legion of Honor, and is of a dark brown velvety color, gracefully surrounded with a distinct gold ring. It is an exceedingly pretty flower, which blooms early and lasts until the frost sets in. Height, 9 inches. Per pkt. 10c.



Winter Cherry.

BRUCE'S SUPERB COLLECTIONS FOR 1898.

Empire Collection of Asters. Comprising six splendid varieties (retail value 60c.)	25c.
Victorian Collection of Dianthus. Pinks. Comprising six finest varieties (retail value 50c.)	25c.
Peerless Collection of Nasturtiums. Comprising eight grand varieties (retail value 40c.)	25c.
Royal Nosegay Collection of Sweet Peas. Comprising ten magnificent varieties (retail value 50c.)	25c.

☞ No Discount off these collections.

BRUGES'S FLOWER SEEDS

All Flower Seeds Sent Free by Mail at Catalogue Prices.

LIBERAL DISCOUNT ON FLOWER SEEDS IN PACKETS.	ALL WHO REMIT	\$3.00 may select to the value of \$3.75.
	\$1.00 may select to the value of \$1.20.	\$4.00 " " " " \$5.00.
	\$2.00 " " " " \$2.45.	\$5.00 " " " " \$6.25.

AGROSTEMMA.

Rose Champion. Free blooming and pretty.
Coronaria. *Hardy perennial*pkt. 5
Cœli Rosa. (Rose of Heaven). Rose; 1 ft.
Hardy annualpkt. 5

AMPELOPSIS VEITCHII.

Japanese Ivy. This beautiful climber, generally known as Boston Ivy, is specially adapted for covering brick or stone buildings.
Hardy perennial.....pkt. 10

Two-Year Old Plants 25 Cents each.

ABRONIA.

A pretty creeping plant, with verbena-like heads of sweet-scented flowers. *Hardy annual.*

Arenaria. Lemon-yellow, very pretty..pkt. 5
Umbellata. Grandiflora, delicate rose.. " 5



Ageratum.

ABUTILON.

Large, well shaped flowers, in red, white, rose and orange ; richly veined ; suitable for house in winter and garden in summer ; rapid growing *half-hardy shrubs* ; easily raised from seed. Finest mixed hybrids pkt. 15

ACONITUM.

Monkshood. A free-blooming plant of easy culture ; flowers blue and white ; 3 ft. *Hardy perennial*.....pkt. 5

ACROCLINIUM.

A beautiful class of everlasting flowers, much used for winter bouquets. *Half-hardy annual.*

Single mixed ; white and rose.....pkt. 5

ADONIS.

Adonis Æstivalis (Flos Adonis). A showy *hardy annual* of easy culture ; deep crimson ; 1 ft....pkt. 5

AGERATUM.

Very valuable and showy bedding plants. If lifted in fall and placed in the parlor or greenhouse, will keep up a succession of flowers during the winter. *Annual.*

Mexicanum. Blue.....Per oz., 50c. ; pkt. 5

Little Dorrit. Azure blue ; very floriferous..... " 5

Little Dorrit. White ; extra fine " 5

ALYSSUM.

Free flowering, useful, pretty little plants for beds, edgings and rock work, blooming all summer ; they also succeed well in the green-house for winter and early spring flowers and are much used in bouquets because of their delicate fragrance. *Annual.*

Sweet Alyssum. Height ½ ft.....Per oz., 40c. ; pkt. 5

Little Gem. Dwarf compact habit ; height, 4 in..pkt. 5

Saxatile Compactum. Flowers golden yellow ; very pretty. *Hardy perennial* ; height, 9 inches...pkt. 5

AMARANTHUS.

Ornamental foliage plants of an extremely graceful and interesting character, producing a striking effect whether grown for the conservatory or flower garden. *Hardy annual.*

Abyssinicus. Blackish purple ; 3 ft.....pkt. 5

Caudatus Love Lies Bleeding ; showy ; 2 ft..... " 5

Cruentus. Princes' Feather ; scarlet ; 3 ft..... " 5

Melancholicus Ruber. Crimson foliage ; 2 ft.... " 5

Tricolor. Joseph's Coat ; very pretty ; 2' ft..... " 5

Tricolor Splendens Extra fine ; 3 ft..... " 5

Salicifolius. Long, narrow leaves ; 3 ft..... " 5

ANAGALLIS.

Pimpernel. Valuable for bedding plants ; they succeed best in light, rich soil, and delight in a sunny situation. *Half-hardy annual.*

Extra fine mixed ; 2 ft.....pkt. 5



ASTERS.

The Aster is not only one of the most popular, but also one of the most effective of our garden favorites, producing in profusion flowers in which richness and variety of color is combined with the most beautiful and perfect form. In our flower beds and mixed borders, it occupies a deservedly prominent position. All the varieties delight in a rich, deep soil, and in hot, dry weather should be mulched with well rotted manure, and frequently watered. *Hardy annual.*

OUR SPECIAL OFFER IN ASTERS

The Empire Collection For 1898.

Comprising the following six new and standard varieties; each variety separate and distinctly named.

BOUQUET. COMET. PERFECTION. CROWN. VICTORIA.
SEMPLER BRANCHING.

Usual Catalogue price 60c., mailed free to any address in Canada for **25c.** The finest collection for the money ever offered.

Boltzes Dwarf Bouquet. A charming free-blooming class of compact habit; 8 to 10 inches.

Choice mixed, all colors.....pkt. 10

Dwarf Victoria. Admirably adapted for bedding and also for florists' use; 9 to 12 inches.

Choice mixed, all colors.....pkt. 10

Large Flowered Victoria. A magnificent race of Asters; flowers are large, globular and double; plants pyramidal, bearing from 10 to 12 blooms at one time; 18 to 20 inches.

Light Blue.....pkt. 10

Crimson....." 10

Peach Blossom....." 10

Pure White....." 10

Choice mixed, all colors....." 10

COLLECTION OF TWELVE SEPARATE COLORS..... 75

" SIX " " 40

Truffaut's Pæony-flowered. One of the most perfect and popular of all Asters, the flowers being very double, large and handsome; petals incurved; height, 18 to 24 inches.

COLLECTION OF TWELVE SEPARATE COLORS..... 75

" SIX " " 40

Snow White.....pkt. 10

Bright Rose....." 10

Choice mixed, all colors....." 10

Crown or Cocardeau. A very showy variety; flowers double, with a white centre surrounded with petals of a distinct bright color; 18 to 20 inches.

Choice mixed.....pkt. 10

Washington. An extra large flowering Aster; one of the best for exhibition purposes; height, 2 ft.

Choice mixed, all colors.pkt. 10

Dwarf Chrysanthemum-flowered. Flowers very large and double, resembling chrysanthemums. Valuable on account of profuse late blooming; 9 to 12 inches.

COLLECTION OF SIX SEPARATE COLORS..... 40

Pure White, extra fine.....pkt. 10

Choice mixed, all colors....." 10

Dwarf Pæony Perfection. A handsome variety; flowers large of fine form and perfectly double; petals beautifully incurved; 12 to 14 inches.

Pure white, very chaste.....pkt. 10

Queen of the Market. An extra early variety of graceful spreading habit; valuable for cutting.....pkt. 5

Queen of the Earlies. This new variety resembles somewhat the Queen of the Market, but flowers from *two to three weeks earlier*, making it decidedly the earliest of all Asters. Of dwarf growth, it is sure to prove valuable for pot culture as well as for cutting purposes. The double flowers of good size are pure white in color, borne upon long stems.....pkt. 10

Mignon. The plants of this popular favorite, which are semi-dwarf, when well grown bear 40 to 50 beautifully shaped double flowers, with deeply imbricated petals, which are unsurpassed for cutting and floral work; exceedingly attractive in the flower garden; they are also well adapted for pot culture.

Pure white, fine for florists' work.....pkt. 10

Mixed colors, including white, rose, peach blossom, lilac and red.....pkt. 10

Japanese. For description of this handsome new variety see Novelties, page 35.....pkt. 10

ASTERS—Continued.

Snowball, or Princess. In form semi-spherical; composed of short, thickly set, imbricated petals. A handsome variety.

Pure white.....pkt. 10
Rosalind. New, bright rose, very pretty.....“ 10

Triumph. A distinct variety, forming compact plants from 8 to 10 inches high. The flowers are large and of rare beauty, the petals being beautifully incurved.

Dark scarlet.....pkt. 20
Scarlet and white.....“ 10

Comet. Charming and distinct; are large and double, resembling in the shape and artistically curved and twisted petals the finest Chinese Chrysanthemums; 12 to 15 inches.

Pure white, extra fine.....pkt. 10
Finest mixed.....“ 10

Giant Comet. This new variety differs from the well known Comets, not only on account of its large size, but because the petals are longer and broader, giving an entirely different appearance.

The Bride. White, changing to rose, the flowers being firstly pure white, then white changing to rose, and finally of a beautiful rose tint.

A charming flower.....pkt. 15

White Giant. Pure white; a magnificent Aster.....“ 10

Finest Mixed.....“ 10

Victoria Needle. Flowers large and double; petals twisted as round as needles, the effect being unique and charming; height 18 inches.

Choice mixed, all colors.....pkt. 10



Aster Princess, Rosalind.



Giant Comet Aster.

Ball or Jewel. A magnificent and distinct class of Aster, with ball-like flowers incurved like a double Chrysanthemum.

Crimson.....pkt. 10
Choice mixed.....“ 10

German Quilled Betteridges. Petals quill shaped; flowers large and double; height 2 ft.

Choice mixed.....Per oz., 75c.; pkt. 5

China. Choice mixed.....Per oz., 75c.; “ 5

LATE BLOOMING BRANCHING ASTER.

A variety of American origin. The flowers are large, exceedingly graceful and handsome, and are borne erect on very long stems. The broad, wavy petals are gracefully curled or twisted. The time of bloom is later than all other varieties of the Aster tribe.

Finest mixed, all colors.....pkt. 10

Pure white. A most desirable variety for cutting.. “ 10

Pink. Large double flowers of a rich but delicate pink; a charming color.....“ 10

ASTER, LADY IN WHITE.

Two features distinguish this Aster from all others existing, a hitherto unapproached freedom of flowering and a perfectly distinct foliage, which is of a long and very narrow shape, and a striking light green color. The flowers are elegantly borne on very slender stocks and have exactly the same graceful and semi-globular form as the Mignon. Indispensable for florists' work.....pkt. 15

ANTIRRHINUM.

Snap Dragon. The flowers are commonly known under the name of Snap Dragon; all the varieties will bloom early out of doors the same season if sown under glass in March, and protected a little at first. The seed we offer is from one of the finest collections in England. *Half-hardy perennial.*

Tom Thumb. Finest mixed, $\frac{3}{4}$ ft.....pkt. 5

Tall. Finest mixed; 2 ft.....“ 5

AURICULA.

A well-known variety of great beauty, succeeding best in northern aspect. *Half-hardy perennial.* **Choicest Mixed**.....pkt. 10

New Belgian Flowers large; very distinct.....“ 25

AQUILEGIA OR COLUMBINE.

An extremely showy genus of early summer blooming plants, their flowers being beautiful both in form and color. *Hardy perennial.*

Single. Finest mixed; 2 ft.....pkt. 5

Double. “ “ “.....“ 5



Antirrhinum.



BEGONIAS.

Single varieties, finest mixed.....	pkt.	15
Double “ “	“	25

Double Daisy, a well-known and favorite plant for the border or pot culture. *Half-hardy perennial.*

Snowball.	Extra large and very double ; pure white flowers .	pkt.	15
Longfellow.	Double red .	"	10
Double White.	Extra fine .	"	10
Choicest Mixed		"	10



**Bruce's
Premium
Pansy.
Pkt. 25c.**

Well known and deservedly popular plants, producing flowers in wonderful profusion, resembling the Camellia in form, and often fully as double. *Half-hardy annual.*

White, pkt. 10c. ; Rose, pkt., 10c. ; Crimson, pkt., 10c.	
Extra choice mixed.....	Per oz., \$1.00 ; pkt. 10
Fine mixed.....	Per oz., 75c. ; " 5
Solferino. Spotted and striped.....	" 5

Camellia-Flowered. Six distinct colors.....pkt 40
Rose-Flowered. Six distinct colors..... " 30

Cardiospermum Halicacabum. A genus of rapid growing
climbers, remarkable for an inflated balloon-shaped seed capsule,
which it bears in clusters ; 6 to 8 ft. *Annual*.....pkt. 5

Very showy; golden yellow; 1½ ft. *Hardy annual*. pkt. 5

Swan River Daisy. Dwarf, free flowering plants; covered all summer with a profusion of Cineraria-like flowers; very effective in edgings, rustic baskets or for pot culture. *Half-hardy annual.*

Ibiridifolia. Fine mixed; $\frac{1}{2}$ ft.....pkt. 10



CACALIA COCCINEA.

Tassel Flower. A beautiful and profuse flowering class of plants, with tassel-shaped flowers; fine for mixed borders. *Half-hardy annual*.....pkt. 5

Plants of highly decorative character, indispensable for the ornamentation of the greenhouse and garden. *C. hybrida* is grown for indoor decorations; while *C. rugosa*, a shrubby variety, is sometimes grown for indoor and sometimes for outdoor decorations. *Half-hardy perennial.*

Hybrida	Finest mixed, from prize flowers; 2 ft.....	pkt.	25
James' International Prize.	Unequalled for size and brilliancy of color; 2 ft.....	"	50
Rugosa.	Mixed; valuable for bedding; 1 ft.....	"	25

Mr. Henry Judd, Mission, B. C., says: We have always been well satisfied with your Seeds, having been customers for the last 22 years.



CALLIOPSIS. or COREOPSIS.

This genus is one of the most striking of all annuals, the tall varieties being very effective in mixed borders; while the dwarf, from their compact habit, are well adapted for beds, the colors all being strikingly beautiful. *Hardy annual.*

- Drummondii.** Orange yellow.....pkt. 5
Nigra Speciosa. Rich crimson; 1 ft..... " 5
Tinctoria. Crimson brown, tipped yellow; 2 ft... " 5
Fine mixed, all colors..... " 5
Double. Flowers are double and semi-double; yellow and maroon; very pretty.....pkt. 5

HARDY PERENNIAL VARIETY.

Lanceolata. This is one of the most popular perennials in cultivation. The flowers are large, of a bright golden yellow, freely produced on long stalks from June till frost; excellent for cutting; height, 3 ft.....pkt. 10

CANDYTUFT.

One of the most useful of border annuals; very effective in beds, groups, etc. Also very useful for pot culture for conservatory decorations during the winter. *Hardy annual.*

- | | |
|---|--------------------------|
| White.....pkt. 5 | Purple or Lilac ..pkt. 5 |
| White Fragrant.. " 5 | Crimson..... " 5 |
| White Rocket... " 5 | Carmine..... " 5 |
| Fine mixed, all colors, per oz. 20c..... " 5 | |
| Empress. A splendid white variety. The plant is of very branching habit, and when fully grown and covered with its large trusses of pure white flowers it presents a perfect pyramid of bloom throughout the summer.....pkt. 5 | |
| Tom Thumb. Bushy little plant, 4 to 6 inches high; very effective for small beds and edgings; finest mixed.....pkt. 5 | |

CANARY BIRD FLOWER.

Tropæolum. Bright fringed, yellow creeper; very ornamental; a general favorite, 10 ft. *Half-hardy annual*.....pkt. 10

CALANDRINIA.

Very beautiful creeping plants; admirably adapted for planting in rock work. *Annual.*

- Grandiflora Rose.** 1 ft.....pkt. 5
Umbellata. A rich, rosy violet..... " 10

CALENDULA.

Pot or Garden Marigold. Remarkably profuse blooming plants; their easy culture and continuous bloom make them valuable for the garden or pot culture. *Hardy annual.*

- Sulphur Gown.** Light lemon yellow; a splendid large flowered variety.....pkt. 5
Meteor. Double yellow flowers, striped with orange " 5
Prince of Orange. Beautiful deep orange, a gem. " 5
Pluvialis (Cape Marigold). Pure white, large single flowers.....pkt. 5

CANNA.

This genus, from its stately growth, combined with its rich and varied flowers and picturesque foliage, is one of the most strikingly effective of our ornamental plants, either for conservatory or flower garden. The seed should be steeped for a few hours in hot water before sowing. The roots may be taken up and preserved like Dahlias. *Half-hardy perennial.*

- Crozy's New Dwarf Hybrids.** Splendid large flowering, with broad leaves; finest mixed.....pkt. 10
Dark Leaved Varieties. Finest mixed..... " 5



CAMPANULA.

Canterbury Bell. Well-known favorite, bearing large bell and saucer-shaped flowers; well adapted for borders and pot culture. *Half-hardy biennial.*

- Single.** Mixed.....pkt. 5
Double. Mixed..... " 10
Calycanthema. The "cup and saucer" variety, fine mixed.....pkt. 5
Superb Mixed. This special mixture includes single, double and Calycanthema varieties in all colors, pkt. 10
Pyramidalis. A grand sort, known at the Pyramidal Bell Flower. *Hardy perennial.*
 Finest mixed blue and white; 4 ft.....pkt. 5

CATCHFLY.

Silene Armeria. Free flowering, showy *hardy annual*, for beds or borders. Fine mixed.....pkt. 5

CARNATION.

A magnificent class of popular favorites, most of which are deliciously fragrant, with colors extremely rich and beautiful. The seeds we offer are from one of the finest collections in Europe, and will produce many double flowers and among them many choice novelties. Grow in light, rich soil. *Half-hardy perennial.*

Marguerite. Although only of recent introduction, the Marguerites have become a most important factor with every gardener and florist. The flowers are sweet scented; seedlings begin blooming the fourth month from time of coming up; 80 per cent. of them are double, and produce a rich display of color.

Pure white..... pkt. 15
Choice mixed..... " 10

Giant Marguerite. A new strain which, while it retains the noted earliness of the popular Marguerites, produces flowers of nearly double the size, which, combined with fine form, diversity and richness of color, makes it a most valuable and beautiful acquisition. All colors in splendid mixture..... pkt. 25

New Perpetual Riviera Market. This is the finest of all strains of Perpetual Carnations, and is nearly as rapid in growth as the Marguerite class; the seed produces over 90 per cent. of splendid double flowers, with a large percentage of yellow..... pkt. 25

Grenadin. An extra early and very hardy variety, with brilliant double scarlet flowers..... pkt. 10

Grenadin. Pure white; extra fine..... " 20

Perpetual, or Tree. Fine for winter blooming; choice mixed.... " 25

Hardy Carnation. Fine mixed; excellent for cutting..... " 10

CASTOR OIL BEANS.

Ricinus. The picturesque foliage and stately growth, combined with the size of the giant varieties, impart to select plantations, shrubbery and mixed flower borders, quite an Oriental aspect. *Half-hardy annual.*

Fine mixed; 4 ft..... per oz. 20c., pkt. 5

Zanzibariensis. A new Castor Oil plant, far exceeding in size the much admired older kinds. The foliage is of the usual palmate character, produced in great luxuriance and of gigantic proportions, measuring 2 to 2½ ft. in diameter; the coloring varies from a light green to a dark coppery bronze and brownish purple..... pkt. 10

Borbonienseis Arboreus. Of noble aspect; 15 ft..... " 5

Duchess of Edinburgh. Dark purple stem and leaves; 5 ft..... " 5

Cambodgensis. The finest dark foliage variety, strikingly beautiful; 5 ft..... " 5



Marguerite Carnation.



Corn Flower.

CENTRANTHUS.

Compact growing plants; very effective in beds or as an edging. *Hardy annual; 1½ ft.*

Red, Rose and White. Mixed..... 1 kt. 5

CENTAUREA.

The silvery-foliaged Centaureas are amongst our most beautiful and valuable bedding plants; should be started early, in gentle heat. *Half-hardy perennial.*

Candidissima. Silvery leaves; very dwarf; 9 inches..... pkt. 15

Gymnocarpa. Very graceful silver foliage; excellent decorative bedding plant; 12 to 18 inches..... pkt. 10

Americana. A large flowering Centaurea, with handsome pale lilac flowers 4 inches in diameter. *Half-hardy annual.* Height, 2 ft..... pkt. 10

Cyanus (Cornflower). A valuable *hardy annual* for borders; flowers most suitable for bouquets; 2 ft. Fine mixed... per oz. 30c., pkt. 5

Cyanus, Emperor William. Deep blue; a splendid variety..... " 5

" **Victoria (Miniature Cornflower).** A charming new variety for pots and edgings; all colors mixed..... pkt. 10

" **Double.** Choice mixed, including many new shades of color.... " 5

" **Moschato.** (Sweet Sultan). See page 56.

Marguerite. (New). For description of this charming new and distinct variety, see page 37. *Hardy perennial*..... pk. 15

CHELONE.

A beautiful, hardy, herbaceous plant, with showy flowers; very effective in beds or groups. *Hardy perennial.*

Barbata. Hybrida; fine mixed; 3 ft..... pkt. 5

CLARKIA.

A beautiful tribe of favorite plants, with pretty, cheerful-looking flowers, growing freely and blooming profusely under almost any circumstances; but when planted in rich soil and properly attended to they rank among the most effective of bedding plants. *Hardy annual.*

Single Mixed. Many sorts; 1 ft..... pkt. 5

Double " " " 2 ft..... " 5

CLENATIS.

A beautiful, fragrant climber; perfectly hardy; seeds often lie dormant for weeks. *Hardy perennial.*

Choice mixed. Many sorts..... pkt. 10

CORDYLINE (Dracæna).

Beautiful greenhouse foliage plants.

Australis..... pkt. 20

Indivisa Lineata..... " 10

Spramotor Jr. Pump, price \$6.00. An article of inestimable value to all households.



Single Annual Chrysanthemums.

- Indicum Grandiflorum.** Finest mixed.....pkt. 25
" **Double Pompon.** Finest mixed....." 25
Japonicum Japanese Varieties. Finest mixed....." 25

COCKSCOMB.

- Celosia.** Highly ornamental, curious looking flowers for the green-house, drawing-room and garden. The following sorts have been saved from combs remarkable for their size, symmetry and color. *Half-hardy annual.*
Collection of six finest dwarf varieties..... 50
Glasgow Prize. An extra fine dwarf variety, with immense crimson combspkt. 25
Dwarf Mixed. Splendid....." 10
Fine Mixed......" 5
Pyramidalis Plumosa. Magnificent annuals, with charming feathery heads.
Golden Yellow ; 1 ft.....pkt. 5 | Crimson ; 1 ft.....pkt. 5
Japonica. Japanese, very ornamental....." 5

CLIANTHUS.

- Free flowering shrubs, with elegant foliage and brilliantly colored, singularly shaped flowers, which are produced in clusters with splendid effect. *Greenhouse perennial.*
Dampieri. Scarlet, pea-shaped flowers ; 1 ft.....pkt. 25

CINERARIA.

- A well-known greenhouse favorite ; from the richness and diversity of its colors is one of the most valuable of our early spring flowers ; succeeds best in light, rich, free and open soil. *Greenhouse perennial.*
Hybrida Grandiflora. Finest large flowering varieties ; splendid mixed.....pkt. 25
Bruce's Prize. The flowers possess extraordinary substance, and are of immense size under good cultivation. For exhibition purposes it is unsurpassed.....pkt. 50

CINERARIA MARITIMA.

- (Dusty Miller). White foliage ; very ornamental. *Half-hardy perennial*.....pkt. 5
Maritima Candidissima. An extra fine variety.. " 5

COLEUS.

- Very effective plants for bedding. *Tender perennial.*
Choice mixed ; 2 ft.....pkt. 25

CHRYSANTHEMUMS.

Very showy and very effective border plants, succeeding well in rich garden soil. *Hardy annual.*

SINGLE ANNUAL VARIETIES.

- The Sultan.** Crimson maroon.....pkt. 5
Burridgeanum. White, rose and yellow....." 5
W. E. Gladstone. Rich crimson....." 5
Eclipse. Golden yellow, scarlet ring, brown centre... " 5
Fine Mixed....." 5

DOUBLE ANNUAL VARIETIES.

- Double Hybrids.** The flowers of this charming new strain are large and double, the colors being beautiful and diversified, the petals exquisitely fringed and penciled.....pkt. 10
White.....pkt. 5 | **Sulphur Yellow**....." 5
Golden Yellow....." 5 | **Fine Mxed**....." 5

SINGLE PERENNIAL VARIETIES.

- Marguerites, or Paris Daisies.** Largely grown for cut flowers. They flower all summer in the garden, and make elegant pot plants for winter bloom.
Frutescens. White.....pkt. 10
Comtesse de Chambord. Yellow ; fine....." 10

DOUBLE PERENNIAL VARIETIES.

These are the double sorts which attract so much attention at the autumn shows.



Cockscomb.

COLLINSIA.

- Attractive in beds or mixed borders. *Hardy annual.*
Mixed colors, 1 to 2 ft.....pkt. 5

CONVALLARIA MAJALIS.

- Lily of the Valley. *Perennial*.....pkt. 10

CONVOLVULUS.

- Old and well-known favorites. The beauty and delicacy of their colors are unsurpassed ; they all grow freely in almost any situation. *Hardy annual.*
Major. (Morning Glory) ; 10 ft....Per oz., 15c. ; pkt. 5
Minor. Blue, yellow and white....." 5
Double Flowered. (New). The vines of this double flowering variety make as rapid growth and dense foliage as the single varieties. Flowers are white, with a spot of red or blue at the base of the larger petals. About 80 per cent. of the seedlings come true from seedpkt. 10
Mauritanicus. Charming plants for baskets, rock work, etc. ; flowers lavender. *Perennial*....pkt. 10
Imperial Japanese. (New). See Novelties, page 36. " 10

CHINESE PRIMROSE.

See Primula, page 55.

CLINTONIA.

An exceedingly pretty, Lobelia-looking plant, admirably adapted for rustic baskets, rock-work or vases. *Half-hardy annual.*

Elegans. Pale blue, beautiful; 1½ ft. pkt. 10
Pulchella Alba. White " 10

CORCEA.

Scandens. A beautiful conservatory climber with large, well-shaped flowers and elegant leaves and tendrils. It is of very rapid growth, and consequently eminently adapted during the summer for warm situations out of doors; in sowing place the seeds edgeways and cover slightly. *Half-hardy annual.*

Purple pkt. 10 | **White** pkt. 10

CUCUMBER ORNAMENTAL.

An interesting tribe of plants, remarkable for their luxuriance and rapidity of growth, which, if the soil be rich, is marvellous. *Annual.*

Snake Cucumber. (*Cucumis Flexuosus*). 10 ft. pkt. 5

Wild Cucumber. (*Echinocystis Lobata*). This is the quickest climber known. It will grow 30 feet in one season, has dense graceful foliage, which is thickly dotted with pretty white fragrant flowers. It retains its fresh green color throughout the season, and is never infested with insects. The seed should be soaked in water for at least 24 hours before planting. Once planted this vine seeds itself and comes up every year.
 Pkt. 5



Giant

Cyclamen.

DAHLIA.

The seed we offer is from the best named varieties; 5 ft. *Half-hardy perennial.*

Double. Choice mixed pkt. 20 | **Single.** Finest mixed, very showy. pkt. 10

Dormant Tubers. The finest named varieties, each 20

DATURA.

Trumpet Flower. A tribe of highly ornamental plants, with large trumpet-shaped flowers; 3 ft. *Annual.*

Wrighti. Bright large single flowers; satin white, bordered with lilac pkt. 5

Double Yellow. Large, golden yellow; very fragrant pkt. 5

Cornucopia. Flowers measure 7 to 9 inches in length and 4 to 6 inches across, and are formed of three distinct flowers, growing each within the other, the interiors being white with purple exteriors pkt. 10

**COSMOS.**

Plants 4 to 5 ft. high; covered in the autumn with large, single, Dahlia-like flowers; fine for bouquets. *Half-hardy annual.*

Pure White pkt. 5 | **Fine Mixed** pkt. 5

CYCLAMEN.

A genus of the most beautiful and elegant winter and spring blooming plants, for pot culture; if sown early in spring, under glass and well grown, will make flowering bulbs in one year. The seed we offer is from the finest strains.

Persicum. Choice mixed pkt. 25

Giganteum. This section is remarkable for the immense size and magnificent colorings of the flowers pkt. 50

CYPRESS VINE.

Ipomea Quamoclit. A most beautiful climbing plant, with very delicate fern-like foliage. *Half-hardy annual.*

Scarlet; 10 ft. pkt. 5

Finest Mixed " 5

COWSLIP.

An early spring blooming border plant. Treatment about the same as for Pansies. *Perennial* pkt. 5

CORN FLOWER.

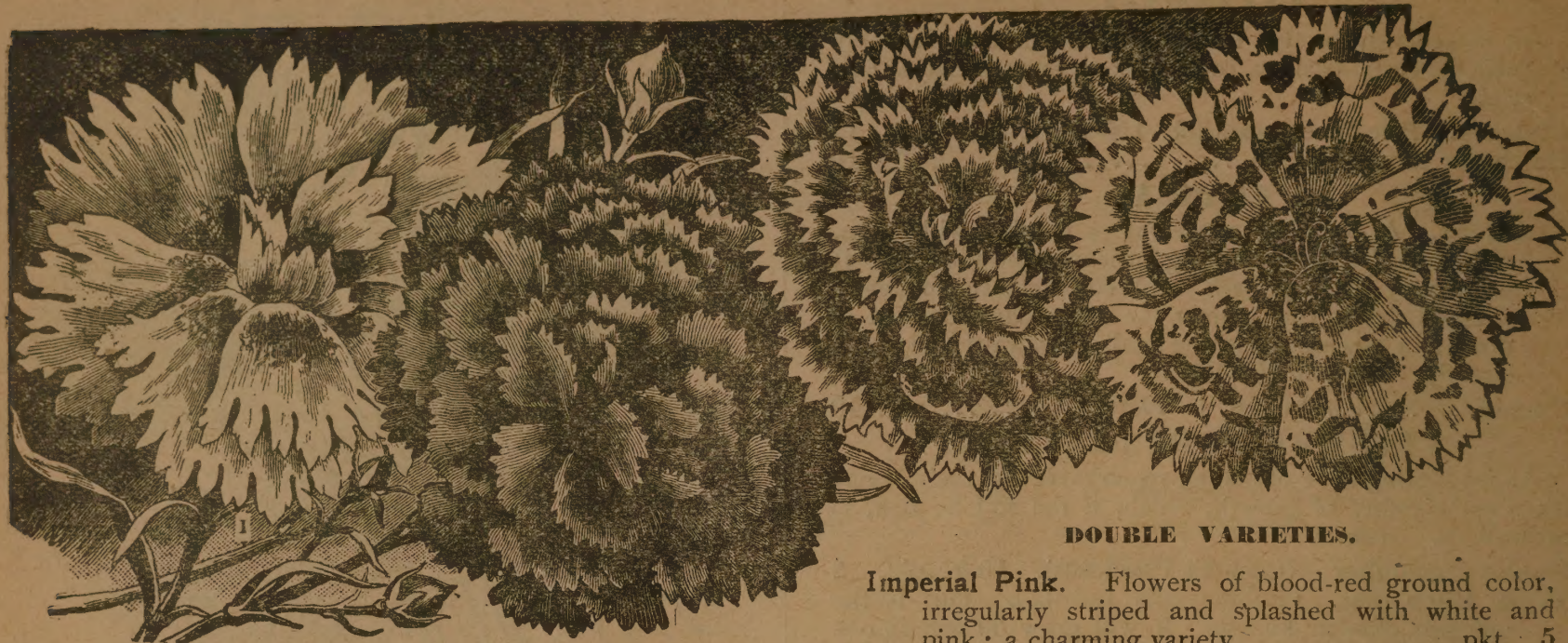
See *Centaurea Cyanus*, page 43.

DAISY.

See *Bellis Perennis*, page 41.



Datura.

**DIANTHUS—PINKS.**

The handsome single and double Pinks are deservedly popular. The flowers, which are large, embrace all colors from white to deep crimson, while most of them are beautifully variegated. The plants bloom during the entire summer and fall, and also the second season if slightly protected during the winter.

SINGLE VARIETIES.

Laciniatus. Salmon Queen. This new variety represents a beautiful acquisition to the *annual* pinks. Its flowers are the most brilliant salmon color imaginable, changing into a salmon rose when fading. The flowers are well formed and nicely fringed.....pkt. 10

Laciniatus. Finest mixed, single fringed varieties; charming colors.....per oz., \$1.00; pkt. 5

Heddewigi (Japan Pink). The flowers are large and of the most brilliant colors from pure white to richest crimson, while many are laced or striped.....pkt. 5

The Bride. A dwarf variety, the flowers are white with a purplish centre, very pretty.....pkt. 10

VICTORIAN COLLECTION OF DIANTHUS.—PINKS.

Six of the finest varieties, all separate and distinctly named. Usual price, 50c. Free by mail to any address for 25 cents.

DELPHINIUM.

Perpetual Larkspur. One of the best, hardy, herbaceous plants, flowering in great profusion throughout the summer; flowers in large spikes of endless shades of colors, from pearl white to the richest and deepest blue. *Hardy Perennial.*

Formosum. Bright blue flowers, very attractive; 3 ft.pkt. 10

Nudicaule. Flowers bright scarlet, very pretty, habit dwarf; 1 ft.pkt. 10

Zalil. Sulphur yellow. Plant of branching habit, a really handsome flowered Delphinium; 3 ft.pkt. 10

Double Varieties. Choice mixed. " 10

Single Varieties. Splendid mixed. " 5

DOLICHOS.

Hyacinth Bean. A beautiful class of quick growing ornamental climbers. *Half-hardy annual.*

Finest mixed; 12 ft.pkt. 5

DRACAENA.

See Cordyline. Page 43.

ECCREMOCARPUS SCABER.

A handsome rapid grower, free flowering, bright orange flower, 10 ft. *Tender annual*.....pkt. 10

DOUBLE VARIETIES.

Imperial Pink. Flowers of blood-red ground color, irregularly striped and splashed with white and pink; a charming variety.....pkt. 5

Mourning Pink. The flowers are large, colors unique, rich purple, maroon, etc., edged with white....pkt. 10

Diadem Pink. Flowers many colors, beautifully striped and laced.....pkt. 10

Laciniatus Fringed flowers of remarkable beauty.pkt. 10

Choice Mixed. Consisting of the best double varieties, all colors.pkt. 10

China or Indian Pink. Finest mixed, per oz., 50c.; " 5

PERENNIAL VARIETIES.

Pheasant's Eye. A single variety, the flowers of which are white with crimson eye; very sweet scented.pkt. 5

New Perpetual Pink. The flowers of this valuable Pink, which are sweet scented, come double, semi-double and single, and comprise a diversity of colors; valuable for florists.....pkt. 25

ERYSIMUM.

Very showy, free-flowering plants, very effective in beds and borders. *Hardy annual.*

Perofskianum. Orange, very showy; 1 ft.pkt. 5

**ESCHSCHOLTZIA.**

California Poppies. An exceedingly showy, profuse flowering class of plants, with extremely rich and beautiful colors, very attractive for bedding, massing or ribboning. *Hardy annual.* (Continued on next page.)

ESCHSCHOLTZIA—Continued.

SINGLE VARIETIES.

- Californica.** Bright yellow, showy; 1 ft. pkt. 5
Californica Alba. Creamy white, pretty; 1 ft. " 5
Rose Cardinal. Beautiful carmine rose. " 5
Mandarin. Bright orange flowers, shaded with crimson pkt. 5
Maritima. (Maltese Cross). Large flowers of a bright golden yellow, with dark orange markings; foliage silvery grey; a superb variety pkt. 5
Fine mixed; all colors. per oz., 40c.; " 5

DOUBLE VARIETIES.

- White and Yellow Mixed** pkt. 5

EUTOCA.

Neat, compact, free-flowering plants, very attractive in beds or mixed borders. *Hardy annual.*

- Viscida.** Deep blue, fine; 1½ ft. pkt. 5

FREEZIA.

A most interesting family of plants, largely used by florists in cut flower decorations. The flowers are pure white, blotched with yellow on the lower petals, with a delicate musk perfume. The seeds produce a bulb, which plant in October in light soil; give plenty of light and sun. When done flowering, put away the bulb in a dry place until next planting pkt. 10

FEVERFEW.

See Matricaria. Page 50.

FORGET-ME-NOT.

- Myosotis.** A favorite and well-known border plant; flowers early, blooms freely; fine mixed varieties; ¼ ft. *Half-hardy perennial* pkt. 5

- Alpestris Victoria.** (New). Sky-blue flowers, with double centre; best for pot culture. pkt. 10

FOXGLOVE.

- Digitalis.** Handsome and ornamental plants of stately growth and varied colors; 3 ft. *Hardy perennial.*
 Fine mixed; large flowered sorts. pkt. 5

FUCHSIA.

Well-known green-house plants; the seed we offer has been selected and saved from the finest named varieties. *Green-house Shrub.*

- Double and Single.** Splendid mixed pkt. 25



Double Gaillardia.

GAILLARDIA.

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers; very effective and showy. *Half-hardy annual.*

GAILLARDIA—Continued.

- Lorenziana.** Double mixed. Large heads of bright yellow and red flowers, very double, with quilled petals, fine for bouquets. pkt. 5



Single Gaillardia.

- Single Mixed.** Flowers yellow and scarlet; very showy, in finest mixture pkt. 5

- Grandiflora.** *Hardy perennial.* The flowers are large, from 2½ to 3½ inches in diameter, produced on long stems; they are excellent for cutting, and of the most gorgeous coloring pkt. 10

GERANIUM.

These well-known garden favorites are as indispensable for in-door as out-door decoration, and should be extensively cultivated. *Half-hardy perennial.*

- Fancy Varieties.** Fine mixed pkt. 50
Finest Scarlet (Zonale). Beautiful for bedding. " 10
Golden and Bronze. Brilliant foliage. " 25
Double Zonale. Rose, purple and white, ½ ft. " 25

GILIA.

Very pretty dwarf plants, early and free-bloomers, valuable for massing and for rockeries. *Hardy annual.*

- Tricolor.** White, lilac and purple; ¾ ft. pkt. 5
Rosea. Rose, purple and white; ½ ft. " 5

CODETIA.

Handsome summer flowering plants, of compact growth, bearing freely large flowers of exquisite colors and shades. *Hardy annual.*

- Princess of Wales.** Brilliant red, fine pkt. 5
Princess Henry. Satiny rose, with broad carmine spots, handsome pkt. 5
The Bride. Pure white, crimson ring at the base of corolla; 1 ft. pkt. 5
Lady Albemarle. Flowers 4 inches in diameter and of a glowing crimson color; 1 ft. pkt. 5
Duchess of Albany. Large glossy, satiny white flowers, very beautiful; 2 ft. pkt. 5
Lady Satin Rose. Bright carmine, extremely effective; 1 ft. pkt. 5

GLOXINIA.

A superb genus of stove plants, profuse bloomers, of great beauty and diversity of color; thrive best in sandy peat or loam. *Green-house plant.*

- Splendid mixed varieties pkt. 25

GLOBE AMARANTH.

Gomphrena. Extremely handsome everlastings, with showy, pretty flowers, which may be cut in summer and preserved for winter bouquets. *Half-hardy annual.*

- Purple** pkt. 5
Mixed; all colors. " 5

GOURDS.

Ornamental Gourds. The tribe of Cucurbita, or Gourds, is well-known as producing some of the most curiously shaped of all fruits, and are very desirable for covering the trellis work of arbors, etc. *Half-hardy annual.*

Egg Shaped. White nest egg.....pkt. 5
Dish Cloth. A popular variety....." 5
Mixed. Many sorts....." 5

GREVILLEA.

Robusta. A very graceful fern-like foliage plant, for pots or tropical lawn effects, *tender perennial*; 3 to 5 ft. pkt. 10

GYPSOPHILA.

A pretty free-flowering elegant little plant, well adapted for rustic rock-work. *Hardy annual.*

Elegans. White and pink; 1 ft.....pkt. 5
Muralis. Bright rose, profuse flowers; ¼ ft....." 5

HAWKWEED.

Very useful, free-flowering plants, showy in beds. *Hardy annual.*

Mixed, Red, White and Yellow. 1 ft.....pkt. 5

HEDYSARUM.

French Honeysuckle. Very hardy, plants producing racemes of attractive pea-formed flowers, in two colors, scarlet and white. *Perennial.* Mixed.....pkt. 5



Helichrysum.

ICE PLANT.

A dwarf, trailing plant, much used for garnishing. The leaves and stems are covered with crystalline globules, giving it the appearance of being coated with ice. *Half-hardy annual.*.....pkt. 5

IPOMOPSIS.

A remarkably handsome free-flowering plant, with long spikes of orange and scarlet flowers. *Half-hardy biennial.* Fine mixed.....pkt. 5

KAULFUSSIA.

Compact growing border plants; very effective for pots and edgings. *Hardy annual.*

Atroviolaceæ. Rich velvet; beautiful; new; ½ ft.....pkt. 5
Fine Mixed......" 5

KENILWORTH IVY.

Linaria Cymbalaria. Splendid plant for hanging baskets, rustic work, etc. *Hardy perennial.*.....pkt. 10

HELIPTERUM.

A beautiful genus of everlasting plants, valuable for winter bouquets. *Tender annual.*

Sanfordi. Of dwarf, tufted habit, with round clusters of golden yellow flowers; 3 ft.....pkt. 5
Corymbiflorum. Beautiful white flowers....." 5

HIBISCUS.

A very ornamental and showy plant, well adapted for mixed or shrubbery borders. *Tender annual.*

Africanus. Color cream, brown centre; 1½ ft.....pkt. 5

HOLLYHOCKS.

A splendid plant for autumn decorations, and from its stately growth and varied colors of its magnificent spikes of flowers, may justly demand a place in every large garden or pleasure ground. *Hardy perennial.*

Fine Mixed......pkt. 10
Splendid Double. Mixed....." 20
English Prize. Collection of 12 varieties....." 75
 " " " 6 " " 40

HELIOTROPE.

A well-known genus of profuse flowering and deliciously fragrant plants. *Half-hardy perennial.*

Fine mixed varieties; 2 ft.....pkt. 10

HUMULUS JAPONICUS.

Climbing Hop. A plant of very rapid growth, beautiful when planted isolated and properly supported, also valuable for trellises, etc. *Annual.*.....pkt. 5

HELICHRYSUM.

Everlasting Flowers. Exceedingly effective in the flower border, indispensable for winter bouquets, for which purpose they should be cut before the blooms fully expand. *Hardy annual.*

Large Flowering. Finest mixed.....pkt. 5

HUMEA ELEGANS.

A very graceful and ornamental plant for decorating gardens and pleasure grounds, with ruby and red grass-like florets; very desirable. *Half-hardy biennial.*.....pkt. 10

IMPATIENS SULTANI HYBRIDA.

One of the most useful plants of recent introduction. Remaining in bloom for a long period, they produce lovely flowers, varying in color from delicate pink to the deepest red. *Tender perennial.* Height, 3 ft.....pkt. 25

IPOMEEA.

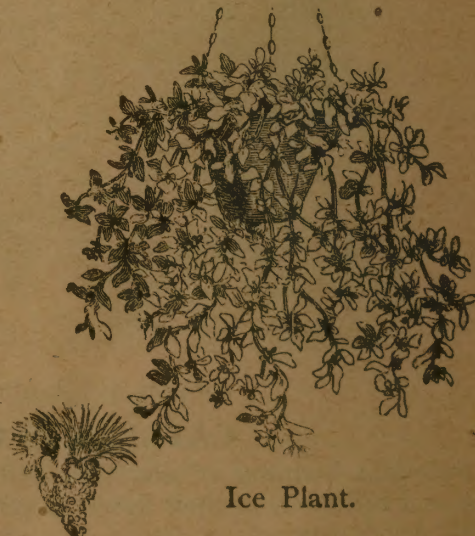
This genus contains some of the most varied and beautiful flowers in cultivation; for covering old walls, trellises, arbors or stumps of trees they are invaluable. *Half-hardy annual.*

Grandiflora. The Moon Flower. Large, pure white, flowers in great profusion, opening in the evening; rapid and luxuriant summer climber.....pkt. 10

Hederacea Superba Grandiflora. Sky blue....." 5

Coccinea. Bright scarlet, very handsome; 6 ft....." 5

Marmoratis. With elegant silver-tipped leaves, largely used for vases and hanging baskets.....pkt. 5



Ice Plant.

MARIGOLD.

Tagetes. A tribe of well-known free-flowering plants, with handsome double flowers of rich and beautiful colors; very effective in beds, borders, etc. *Half-hardy annual.*

**DOUBLE FRENCH MARIGOLDS.**

Collection of six finest varieties.....		30
Dwarf.	Gold striped; very handsome.....	pkt. 5
"	Finest mixed; $\frac{1}{2}$ ft.....	Per oz. 40c.; " 5
Tall.	Choice mixed; height, 2 ft....	" 50c.; " 5

**DOUBLE AFRICAN MARIGOLD.**

Collection of six finest double varieties.....		40
Orange and Lemon.	Each.....	pkt. 5
Orange and Lemon.	Quilled varieties; each..	" 5
Tall Double.	Finest mixed.....	Per oz. 50c.; " 5

MEXICAN MARIGOLD.

Tagetes Signata Pumila. Fine bedding plants, with pretty yellow flowers; 1 ft.....pkt. 5

POT OR GARDEN MARIGOLD.

See Calendula. Page 42.

For discounts on Flower Seeds in packets, see page 38.

SINGLE FRENCH MARIGOLD.

Legion of Honor.

A new and exceedingly beautiful single variety; flowers bright clear yellow, distinctly blotched rich brown. The plants are dwarf and compact, and remain in bloom a long time; height, 9 inches.....pkt. 5

Gold Ring (New). See Novelties, page 37..... " 10

MALOPE.

A handsome plant of branching habit, with large showy flowers. *Hardy annual.* Fine mixed.....pkt. 5

MUSA ENSETE.

Abyssinian Banana Tree. Magnificent for a sub-tropical massing. On the lawn as single specimens they are very effective. Seed sown early will produce immense plants in the first season. *Tender perennial*...pkt. 25

MATRICARIA.

Double Feverfew. Pure white double flowers; a desirable bedding plant, and largely used for cemetery decoration. *Hardy annual*.....pkt. 5

MESEMBRYANTHEMUM.

A beautiful class of dwarf-growing plants; very effective in beds, edgings, rock-work, rustic baskets and vases. Succeeds best in a warm situation. *Half-hardy annual.*

Tricolor. Mixed colors; very showy; 1 ft.....pkt. 5

MARTYNIA.

Very handsome free flowering plants, with large flowers of great beauty; the young fruit or seed pods are highly esteemed for pickling. *Half-hardy annual.*

Fine mixed; 2 ft.....pkt. 5

MAURANDIA.

Beautiful climbers for green-houses or out-door cultivation.

Barclayana. Deep violet; pretty.....pkt. 10

MIMULUS.

Extremely handsome flowers of brilliant colors. Seeds sown in spring make fine bedding plants for summer blooming, while seeds sown in autumn produce very effective early flowering green-house plants. *Half-hardy annual.*

Moschatus—Musk plant, yellow; $\frac{1}{2}$ ft.....pkt. 10

" **Compactus.** Similar to preceding, except that it is of more compact habit, making it more suitable for pot culture.....pkt. 20

Tigrinus. Tigered and spotted varieties..... " 10

MIGNONETTE.

Within recent years Mignonette has been immensely improved in size, and several distinct tints have been selected. These have been saved with such care that an agreeable variety of this fine old favorite is now available for the garden and for pot culture. The following are *Hardy annuals*:

- Sweet Scented**.....per oz. 15c. ; pkt. 5
Myles' Hybrid Spiral. Habit dwarf and branching ; flowers large. The odor of this variety is superior to any other.....pkt. 5
Parson's White Flowering. The flowers are almost pure white, of the most exquisite fragrance.....pkt. 5
Machet Pyramidal large flowers ; dwarf and compact ; the best for pot culture.....pkt. 10
Golden Machet. New. See Novelties, page 36..... " 15
Eloise Francois. A splendid new variety, with very long flower stalks ; grand for cutting.....pkt. 10
Crimson Queen. Robust in habit, with very large spikes of handsome red flowers.....pkt. 5
Golden Queen. Large flowered ; a handsome dwarf variety, flowers golden yellow, a free bloomer.....pkt. 5



Machet Mignonette.



Nigella.

- Defiance.** (New). The finest of all ; spikes of remarkable size and deliciously fragrant ; the individual florets are very large, standing out boldly ; its keeping qualities are extraordinary.....pkt. 15
Large Flowering Pyramidal or Tree. This plant is more vigorous than the old variety, the stems stronger, and with proper treatment the so-called *Tree Mignonette* will be obtained.....pkt. 5

MORNING GLORY.

See Convolvulus, page 44.

NIGELLA.

- (Love in a Mist). A very interesting class of plants, with curious looking flowers and seed pods. *Hardy annual.*
 Double mixed. Flowers blue and white ; $\frac{1}{2}$ ft.....pkt. 5

NICOTIANA.

Ornamental. *Half-hardy annual.*

- Affinis.** Sweet-scented, pure white star-shaped flowers, three inches across, blooming continually in the green-house in winter or when bedded out in summer.....pkt. 5
Macrophylla Gigantea. Of gigantic proportions ; flowers of a deep red color.....pkt. 5
Colossea. An immense variety..... " 20

NOLANA.

Very pretty trailing plants, with convolvulus-like flowers ; excellent for rustic work or hanging baskets. *Hardy annual.*

- Fine Mixed**.....pkt. 5

NEMOPHILA.

This is one of the most charming and generally useful of the dwarf-growing *hardy annuals* ; all the varieties have a neat, compact and uniform growth, comprising varied and beautiful colors, admirably adapted for edging, etc. *Hardy annual.*

- Insignis.** Deep blue, with white centre ; $\frac{3}{4}$ ft.....pkt. 5
Choice Mixed ; many sorts..... " 5

CENOTHERA.

A free-flowering and useful class of plants for beds or borders.

- Acaulis.** Handsome large white-flowered variety. *Hardy annual ;*
 $\frac{3}{4}$ ft.....pkt. 5
Macrocarpa. Very large golden yellow flowers. *Hardy perennial.* " 5

OXALIS.

Beautiful small plants, suitable for the green-house, rock-work, baskets, or out-door culture ; flowering the first year if sown early ; blooms in clusters ; 9 inches. *Half-hardy perennial.*

- Trapæoloides.** Yellow ; very pretty.....pkt. 10
Fine Mixed..... " 10



Nemophila.

BRUCE'S SUPERB COLLECTIONS FOR 1898.

- Asters.** Empire Collection, 6 splendid varieties.....25 | **Nasturtium.** Peerless Collection, 8 grand varieties...25
Dianthus. Victorian Collection, 6 finest varieties.....25 | **Sweet Peas.** Royal Nosegay, 10 magnificent varieties...25



NASTURTIUMS

A well-known and highly ornamental class of plants. The tall varieties are adapted for rock work. The New Dwarf or Tom Thumb varieties are a charming class with brilliant colored flowers, well adapted for bedding and massing in mixed flower borders, most profuse bloomers; when in perfection, nothing but a mass of the richest flowers are seen. The seed, if picked young, is an excellent substitute for capers. *Hardy annual.*

New Liliput. See Novelties, page 36.....pkt. 15

DWARF OR TOM THUMB VARIETIES.

- Aurora.** Salmon rose, mottled blush white, garnet blotches..pkt. 5
Beauty. Light scarlet, splashed canary..... " 5
Crystal Palace Gem. Sulphur, spotted with maroon..... " 5
Empress of India. The flowers are of a brilliant crimson.. " 5
Golden King. Deep golden yellow, maroon blotches; extra. " 5
King of Tom Thumbs. Foliage is a beautiful blue green, with intense scarlet flowers.....pkt. 5
King Theodore. Blue green foliage and the blossoms of an intense black.....pkt. 5

Prince Henry. (New).
 Light yellow, spotted and
 marbled with scarlet..pkt. 5
Pearl. Cream white " 5
Rose..... " 5
Scarlet. Very showy " 5
Yellow. Fine canary " 5

Tom Thumb. Fine mixed, all colors.....per oz. 20c.; " 5

BRUCE'S SPECIAL COLLECTION.

Eight of the finest Dwarf Nasturtiums, all
 named and separate, free by mail for 25c.

TALL VARIETIES.

- Red**.....pkt. 5
Yellow..... " 5
Fine Mixed, all colors.....oz. 15c.; " 5

Lobbianum. The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtium; the flowers, however, are produced in greater profusion. Mixed colors.....per oz. 30c.; pkt. 5

Madame Gunter, New Hybrids. This new section is distinguished by its dark foliage and a richness of color, not to be found in any of the different classes already grown. There are shades of rose, salmon, bright red, pale yellow, etc., either self-colored, spotted or striped. Its free and continued flowering makes it a useful and popular climber. All colors, mixed.....per oz. 75c.; pkt. 10



New Hybrids—Madame Gunter.



PANSY.

(Heartsease). This lovely flower, a favorite with everyone, is too well-known to need any description. Seed sown in August or September, and kept in cold frames through the winter and planted out in the spring, will blossom abundantly the whole season; for summer and fall blooming sow from January to June. The Pansy delights in loamy soil, enriched with thoroughly decayed cow manure. The seed we offer has been saved from celebrated collections in Europe, and will not fail to give perfect satisfaction. *Hardy perennial.*

Bruce's Premium. In our premium Pansy we offer a strain that ranks *second to none* for size of bloom, matchless form and substance; the flowers are beautifully blotched and penciled with rich and striking colors....pkt. 25

Bugnot's. The flowers of this variety are of immense size, symmetrical in shape, petals thick and beautifully marked; every lover of Pansies should give it a trial.....pkt. 25

Peacock. The chief characteristic of this variety consists in the two upper petals of the flower having a conspicuous central blotch of a delicate violet tint, which first deepen into intense violet and then change near the margin into a deep claret color, the extreme edge being nearly white.....pkt. 15

Non Plus Ultra. A grand strain of mammoth flowering Pansies; great diversity of color; plant compact and bushy; very free bloomers....pkt. 25

Cassier's Five-Blotched. A new and beautiful strain, perfect in size and formpkt. 25

Paris Market. The flowers of this celebrated French strain are of large size, and produce great diversity of the handsomest and rarest colors.....pkt. 15

Giant Trimardeau. Flowers of immense size and beautifully marked; mixed colors.....pkt. 10

Giant White. An extra large white variety, with purple eye..... " 10

Giant Yellow. Yellow, with large black eye; one of the finest and showiest varieties.....pkt. 10

Giant Striped. Extra large flowers of various shades and stripes... " 10

Red and Red Shades. New and popular shades of red and brown, a superb mixture.....pkt. 10

King of the Blacks or Faust. Flowers intensely black..... " 10

Lord Beaconsfield. Grand color, purple violet, shading off in the top petals only, to a whitish hue.....pkt. 10

Very Fine Mixed. All colors..... " 10

Fine Mixed. All colors..... per oz., \$1.00, " 5

COLLECTIONS—IMPORTED GERMAN.

Twelve choice varieties..... 75 | Six choice varieties..... 50

PINKS.

See Dianthus. Page 46.

POLYANTHUS.

Splendid free-flowering plants, either for pot culture or open border. *Hardy perennial.*

Gold Laced. Splendid mixed, from stage flowers; ¾ ft. pkt..... 10

Hose in Hose. One of the most beautiful strains of this old garden favorite, and one of the gems of English cottage gardens... ..pkt. 20

Fine mixed, border varieties; 1 ft..... " 10

PENTSTEMONS.

The Pentstemons are amongst the best *hardy perennials*. The flowers are large and beautifully marked, tubular in shape and produced in handsome spikes.

Choice mixed.....pkt. 10

PYRETHRUM.

Handsome free-blooming plants with Aster-like flowers; fine for bouquets. *Hardy perennial.*

Double varieties, finest mixed.....pkt. 15

YELLOW LEAVED SORTS.

Well-known dwarf growing plants, extensively used for bedding purposes.

Golden Feather (Aureum). Very popular.....pkt. 5

Golden Gem. Golden yellow foliage with double white flowers.....pkt. 10

Feverfew. See Matricaria. Page 50.

A SPLENDID STRAIN OF PRIMULAS.

Mr. Chas. Mason, Florist, Rebecca Street, Hamilton, says:—Your strain of Chinese Primrose has given the best of satisfaction.



PHLOX DRUMMONDII.

This genus is unrivalled for richness and brilliancy of color, profusion and duration of bloom, which renders them of valuable service in the general flower garden; in fact, a finer sight than a bed of Phlox Drummondii is rarely to be seen. *Hardy annual.* Height, 1½ ft.

Fine mixed, all colors.....per oz., 75c., pkt. 5

LARGE FLOWERED PHLOX.

- Alba. Pure white.....pkt. 10
- Alba Oculata. White, with purple eye....." 10
- Leopoldi. Purple, white eye....." 10
- Coccinea. Scarlet, splendid....." 10
- Kermesina Splendens. Vivid crimson....." 10
- Stellata Splendens. Crimson, with white star in the centre; very handsome. " 10
- Finest mixed, all colors... per oz., \$1.00, " 10
- Collection of six separate colors.....50
- Collection of twelve separate colors.....75

DWARF PHLOX.

Nana Compacta. Grows about 6 inches high, fine mixed.pkt. 10

DOUBLE PHLOX.

- White** Sixty per cent. of the seedlings produce double flowers, fine for cutting.....pkt. 10
- Yell w.** This pretty double yellow flower possesses a slight perfume. It is worthy of note that in order to produce the best double flowers these Phloxes should be grown in light soil.....:.....pkt. 10

PERENNIAL PHLOX.

Decussata. This charming hardy Phlox should have a place in every garden.
Finest mixed, all colors.....pkt. 10

NEW STAR PHLOX.

Cuspidata. Very distinct and pretty. The flowers are deeply serrated and petals pointed, giving them a star-like appearance... ..pkt. 10

PETUNIA.

A very profuse flowering, easily cultivated garden favorite, for outdoor cultivation. In summer there is scarcely a class of plants equal to this; it commences to bloom early and continues a mass of bloom the whole season. It is also very effective in pots for green-house or parlor decoration. *Half-hardy annual.*

Hybrida. Fine mixed, self colors, per oz., \$1.00, pkt. 5
" Extra choice mixed.....10

Striped and Blotched. Splendid mixed.....10

Inimitable New Dwarf. Very bushy, 5 to 6 inches high, with regular striped flowers; exceedingly effective, whether in masses or pots.....pkt. 10

Grandiflora. Single fringed varieties, superb mixed.....pkt. 25

Giants of California. A Californian strain of incomparable beauty. The flowers are of enormous size (4 to 5 inches across), and are produced in a wonderful variety of colors, markings, etc., including many charming and delicate shades.....pkt. 25

Grandiflora Fimbriata flore pleno. Large flowering double-fringed Petunia, a grand acquisition. The flowers are very large and the colors very brilliant.....pkt. 25

Grandiflora Fimbriata flore pleno. (Lady of the Lake). The finest double pure white variety yet introduced. About 30 per cent. of the seedlings come double.....pkt. 25

Double Flowered. The seed we offer cannot be surpassed in quality. Flowers from this strain have measured 3 inches in diameter, of the most beautiful colors, as double as Camellias, and some of them as fragrant as the violet.....pkt. 25

COLLECTIONS—Finest Imported.

Single-Fringed. In 4 choicest varieties..... 50

Double-Fringed. In 6 finest large flowering varieties.....\$1 00

PRIMROSE.

Yellow. This old-fashioned favorite, so common in the hedgerows and meadows of Britain, is well worthy of a trial here....pkt. 10



Double Petunia.

POPPY.

A tribe of showy, free-flowering plants, with large and brilliant colored flowers; well adapted for large mixed borders and shrubberies. *Hardy annual.*

**DOUBLE VARIETIES.**

Double Carnation Flowered. A magnificent class, with large globular flowers, the feathery petals being beautifully fringed; height, 2 ft.

Snow Drift. Pure white; extra fine.....pkt. 5

Mikado. White, fringed crimson " 5

Mixed. Many colors.....per oz. 20c.; " 5

Double Pæony Flowered Poppies The flowers of this variety are of immense size, very double and broad-petaled. Mixed colorsper oz. 20c.; pkt. 5

Double French Ranunculus Flowered. Handsome and free-blooming; the flowers are very double and of every imaginable shade of color; height, 2 ft.....pkt. 5



Shirley Poppies.

SINGLE VARIETIES.

Shirley. A beautiful strain, with single flowers of many colors; for bedding they cannot be excelled....pkt. 5

Tulip. The plant is from 12 to 14 inches high, and produces flowers of the most vivid scarlet imaginable. The two outer petals of the flower bears a similarity to a saucer, in which are set two erect petals of the same color.....pkt. 10

PERENNIAL VARIETIES.

Iceland. A beautiful class of dwarf *perennial* poppies, which, if sown early, will bloom the same year. They are bright and showy, forming tufts of brilliant blossoms, borne on slender stalks about a foot high.....pkt. 10

Orientele. Dark red; extra fine..... " 10

**PRIMULA OR CHINESE PRIMROSE.**

One of the finest winter and spring blooming plants; of easy culture, blooming at a season of the year when flowers are generally scarce; they are indispensable for conservatory and house decoration. The seed we offer has been selected with great care from some of the finest strains, and we can with confidence recommend it. *Green-house perennial.*

White. (Fimbriata Alba Grandiflora). The standard white; very fine.....pkt. 25

Alba Magnifica. Superb large flower, with bright yellow eye; beautifully fringed, and borne in large trusses well above the foliage; finest white Primula grown...pkt. 50

Snow Queen. Snow-white flowers of good size and substance, and exquisitely fringed.....pkt. 25

Purity. A strong-growing variety, with distinct red stems; flowers are large, pure white, with small sulphur eye; extra.....pkt. 25

Violet Queen. The finely fringed flowers, which are borne well above the foliage, are of an exquisite shade of violet, bordered with pure white.....pkt. 50

Rose. Bright rose; a superb variety..... " 25

Rubra. Rich red flowers, finely formed and elegantly fringed.....pkt. 25

Rubra Violacea. Violet crimson flowers; splendid. " 50

Empress. A magnificent strain; the flowers, which are borne well above the foliage, are of a rich, deep velvety red color, beautifully fringed.....pkt. 50

Striped. White, striped with red..... " 25

Royal Blue. The finest of all blues..... " 50

Bruce's Superb Mixed. This embraces all the finest shades of color.....pkt. 25

Fern-leaved Mixed. Fern-like foliage, finely fringed flowers.....pkt. 50

Collection of six finest colors..... 75

New Giants. A magnificent class of Primula of immense size; the flowers, which include many new shades of color, are borne well above the foliage, are beautifully fringed and of great substance.....pkt. 50

MIXED DOUBLE VARIETIES.

Embracing beautiful shades of magenta, scarlet, rose and white. The large double and semi-double flowers are invaluable for cutting during the winter months, when other flowers are generally scarce.....pkt. 50

PRIMULA OBCONICA.

With whitish lilac flowers, exceedingly floriferous and very useful for pots and bouquets; sown in February or early spring will bloom uninterruptedly from middle of May.pkt. 25

PRIMULA JAPONICA.

This beautiful Primrose is quite hardy, growing about 1½ feet in height, producing from its tuft of robust leaves a stem bearing four or five separate tiers of whorls of charming flowers, each flower being an inch in diameter and of splendid magenta color. *Half-hardy perennial.*.....pkt. 10

PORTULACA.

For brilliant, beautiful and gorgeous colors this charming genus stands unrivalled ; and whether in baskets, small beds, edgings or rock work, its large, splendid flowers, produced in the greatest profusion, are extremely effective ; succeed best in light, gravelly soils and a warm situation. *Hardy annual.*

Single. Mixed colors ; $\frac{1}{2}$ ft. per oz. 60c. ; pkt. 5

Double. Mixed, extra fine ; $\frac{1}{2}$ ft. " 10

RHODANTHE.

One of the handsomest everlastings for winter bouquets. The flowers require to be gathered when young and dried in the shade ; succeeds best in a light, rich soil, and warm sheltered situation. *Half-hardy annual.*

Mixed pkt. 5

RICINUS.

See Castor Oil Beans, page 43.

ROCKET.

Very pleasing early spring flowers, profuse blooming plants, with deliciously fragrant flowers. *Hardy perennial.*

Purple and White. $1\frac{1}{2}$ ft., each pkt. 5

SAPONARIA.

Of these beautiful little plants it is impossible to speak too highly. They carpet the ground with their beautiful star-shaped flowers during the summer and autumn months ; for edging they are unequalled, bearing cutting back if necessary. *Hardy annual.*

Calabrica. Rich deep pink ; $\frac{1}{2}$ ft. ... per oz. 50c. ; pkt. 5

SMILAX.

A well-known green-house plant, largely used by florists for table and house decorations ; color, white pkt. 10

SOLANUM.

One of the most beautiful classes of ornamental fruit bearing plants in cultivation. *Half-hardy perennial.*

Capsicastrum. (Miniature Orange Tree). Covered with a profusion of orange fruit ; $1\frac{1}{2}$ ft. pkt. 10

Pseudo Capsicum. (Jerusalem Cherry). Orange scarlet fruit ; $1\frac{1}{2}$ ft. pkt. 10

SENSITIVE PLANT.

(Mimosa). Very curious and interesting plants, their leaves closing if touched or violently shaken ; may be grown out of doors, in a warm situation ; grow in peat or loam ; 1 ft. *Half-hardy annual.* pkt. 5

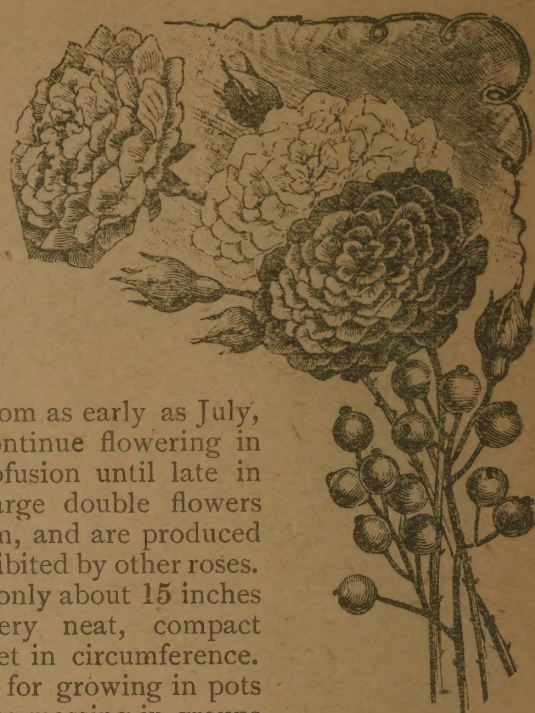
SNAPDRAGON.

See Antirrhinum, page 40.

ROSA MULTIFLORA NANA.**Liliput Roses.**

This new dwarf Polyanthus Rose flowers the first season from seed sown in the open ground, and if started early in frames or in boxes indoors and transplanted to the outside like

Asters, the plants will be in full bloom as early as July, and they will continue flowering in extraordinary profusion until late in the fall. The large double flowers are of perfect form, and are produced in every color exhibited by other roses. The plants grow only about 15 inches high, forming very neat, compact bushes about 3 feet in circumference. They are suitable for growing in pots or vases, as well as massing in groups and for borders..... pkt. 10

**SALVIA.**

(Flowering Sage). Well-known for their brilliant colors ; no plants can be finer for bedding. They are easily grown, free-flowering and showy. *Perennial.*

Splendens. Brilliant scarlet flowers, a magnificent variety ; 3 ft. pkt. 10

Splendens Compacta. In habit more dwarf and compact than above, flowers intense scarlet, unsurpassed for bedding and pots ; 2 ft. pkt. 15

Patens. Handsome large deep blue velvety flowers, highly recommended ; 2 ft. pkt. 15

Coccinea. Scarlet, very showy ; 1 ft. " 5

**SALPIGLOSSIS.**

Highly ornamental and remarkably beautiful autumn blooming plants. Their curiously pencilled and marbled funnel-shaped flowers produce a fine effect in beds, borders, edgings, etc. *Hardy annual.*

Finest Mixed, beautiful colors ; $1\frac{1}{2}$ ft. ... per oz. \$1 ; pkt. 5

SWEET SULTAN.

Very showy, fragrant and most useful for bouquets. *Hardy annual.*

Yellow. Large bright yellow flowers ; very pretty. pkt. 5

Mixed, purple and white ; $\frac{1}{2}$ ft. " 5

STOCKS.

The Stock is one of the most popular, beautiful and important of our garden favorites. Whether for bedding, massing, edging or ribboning, it is unsurpassed either for brilliancy or diversity of color, or duration of bloom. *Half-hardy annual.* (Continued on next page).

**STOCKS—Continued.****SUMMER FLOWERING TEN WEEK VARIETIES.**

Fine mixed.....	pkt. 5
Choice Double mixed, large flowered sorts, extra fine.....	" 10
Pure White.....	" 10
Royal Gem. Rich dark crimson.....	" 10
Giant Perfection. Choice mixed.....	" 10
Giant or Tree. Choice mixed.....	" 10
Princess Alice (Improved Giant White Dresden Perpetual or Branching). This magnificent stock produces enormous spikes of large double white flowers; splendid for cutting.....	pkt. 10
Triumph. Brilliant scarlet.....	" 10
Snowflake. White forcing; a grand variety.....	" 25
Collection, Large Flowering. Twelve finest colors.....	75
" Giant Perfection. Six finest colors.....	50

BIENNIAL STOCKS.

Brompton, Snow White. Shining leaves; large flowered early variety of dwarf compact habit; producing 70 per cent. of very double pure white flowers.....	pkt. 20
Brompton Scarlet. Covent Garden variety.....	pkt. 20

EAST LOTHIAN INTERMEDIATE STOCKS

These stocks when properly cultivated are acknowledged to be the best of all intermediate varieties; the purity and constancy of their respective colors, their continuous blooming, and great percentage of double flowers which they produce, renders them most valuable for garden or pot culture.

Scarlet and White. Each.....	pkt. 25
Snow White Wallflower-Leaved.....	" 25
Collection of 4 distinct colors.....	50

**SCABIOSA.**

Sweet Scabious. The flowers are double, remarkably handsome and very richly colored, crimson, purple, pink and lilac shades predominating; splendid for cutting. *Hardy annual.*

Dwarf Mixed. Double, all colors; 1 ft.....	pkt. 5
Tall Mixed. Large flowered, double varieties; 2 ft. "	5
Double White. Snowball, extra; 2 ft.....	" 5
Double Yellow. A new color; very pretty.....	" 10
Caucasica One of the handsomest of <i>hardy perennials</i> , especially valuable for cutting, the bloom lasting a long time in water; lilac-blue; 3 ft.....	pkt. 10

SUNFLOWER.

(*Helianthus*). Very showy plants; remarkable for their stately growth, and the brilliancy and size of their flowers, and well adapted for large shrubby borders, or round the margin of lakes or ponds. *Hardy annual.*



Miniature Sunflower.

SINGLE VARIETIES.

New Miniature. Of dwarf branching habit, producing an abundance of small flowers of a bright golden yellow, with dark centre; one of the finest; 3 ft.....	pkt. 5
Annus (Common). Yellow, with black centre; 6 ft. "	5
Variegatis. Foliage green and white; 4 ft.....	" 5
Giant Russian. Very large; 8 ft.....	" 5
Primrose Dame. Flowers of a delicate sulphur yellow, with black centre; 6 ft.....	pkt. 5
Uniflorus. Very tall, enormous flowers; 10 ft.....	" 5

DOUBLE VARIETIES.

Dwarf Double. Very attractive; 4 ft.....	pkt. 5
Tall Double. Large bright yellow flower; 5 ft. "	5
Globosus Fistulosus. A handsome large flowered variety; 5 ft.....	pkt. 5
Green Centered. Bright yellow; with green centre; 4 ft.....	pkt. 5



SWEET PEAS.

These lovely and deliciously perfumed flowers have become exceedingly popular. When cut for filling vases the blooms will last for days. The seed should be sown *as early as the ground can be worked* in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench 6 inches deep; in this sow the seed and cover 2 inches deep. As soon as the plants begin to show through fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of summer. As fast as the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form the plants will stop blooming. Seed may also be sown with great advantage late in the autumn.

BRUCE'S SELECTED SWEET PEAS.

This list comprises only the best of the new and standard varieties, all being distinct and of undoubted merit.

The varieties marked (*) are Eckford's Large Flowering Hybrids.

America. Bright cardinal stripe on pure white ground. Pkt. 5c., oz. 10c.

Alice Eckford. New. Cream tinted cerise standards; wings pure white; a most chaste variety. Pkt. 5c., oz. 15c.

Aurora. New. See Novelties of 1897, page 59.

***Blanche Burpee.** New. Pure white, of exquisite form and immense size, it usually bears three flowers on a stem; a very chaste variety and highly recommended. Pkt. 5c., oz. 15c.

Blanche Ferry. Flowers large, pink and white, very fragrant; a free bloomer. Pkt. 5c., oz. 10c.

Blanche Ferry. Extra early, fully ten days earlier than preceding. Pkt. 5c., oz. 10c.

***Blushing Beauty.** A delicate soft pink; splendid. Pkt. 5c., oz. 10c.

Captivation. New. Rosy purple self, shell-shaped standard; distinct and beautiful. Pkt. 5c., oz. 15c.

Celestial. Delicate azure blue. Pkt. 5c., oz. 15c.

Coquette. New. See Novelties, pages 37 and 59.

Countess of Aberdeen. New. Pale blush, margined with pale pink. Pkt. 5c., oz. 15c.

***Countess of Radnor.** Standards open a pale reddish mauve, which fades into a soft lavender; wings pale lilac; extra. Pkt. 5c., oz. 10c.

Crown Jewel. New. Pale standards, tinted and veined with violet rose; the wings creamy, slightly tinted with rose; a profuse bloomer. Pkt. 5c., oz. 15c.

Dorothy Tennant. Rosy mauve; a handsome flower. Pkt. 5c., oz. 10c.

***Duchess of York.** Flowers of the largest size; white, delicately striped and barred with pale pink; a beauty. Pkt. 5c., oz. 10c.

***Duke of York.** Bright rose standard; wings primrose shaded pink; handsome. Pkt. 5c., oz. 10c.

***Emily Eckford.** Rosy mauve, changing to an almost true blue; extra. Pkt. 5c., oz. 10c.

***Eliza Eckford.** White, shaded and flushed with rosy pink; very pretty. Pkt. 5c., oz. 10c.

Emily Henderson. Pure white, extra fine. Pkt. 5c., oz. 10c.

***Firefly.** Bright crimson scarlet, the best red. Pkt. 5c., oz. 10c.

***Gaiety.** White, striped and flaked with purplish pink; flowers large; splendid. Pkt. 5c., oz. 10c.

Grey Friar. A light marbled mauve, of peculiar effect; flowers large, hooded form, very distinct. Pkt. 5c., oz. 15c.

Juanita. Flowers large, of fine hooded form; color pure white delicately striped lavender; free bloomer; a choice variety. Pkt. 5c., oz. 15c.

Katharine Tracy. Soft but brilliant rose; an exquisite flower. Pkt. 5c., oz. 10c.

***Lady Beaconsfield.** Standard salmon pink; wings primrose yellow; a beautiful variety. Pkt. 5c., oz. 10c.

***Lady Penzance.** Beautiful delicate rose tinged orange; a superb flower of large size and exquisite color. Pkt. 5c., oz. 10c.

***Lemon Queen.** Standard pale blush and lemon; wings pure white; very chaste. Pkt. 5c., oz. 10c.

Little Dorritt (New). Carmine-tinted pink standard; wings pure white. Pkt. 10c., oz. 25c.

***Lottie Eckford.** Flowers large, standard white, shaded mauve; wings white, blue edged; very handsome. Pkt. 5c., oz. 10c.

Lovely. New. See Novelties of '97, pages 37 and 59.

Mars. New. See Novelties of '97, pages 37 and 59.

SWEET PEAS—Continued.

Mikado. New. Deep orange-crisp ground, striped white; of exquisite form and good size. Pkt. 5c., oz. 15c.

***Mrs. Eckford.** Delicate primrose yellow; exquisite. Pkt. 5c., oz. 10c.

***Mrs. Joseph Chamberlain.** The flowers of this handsome variety are extra large, and are generally produced three or four to a stem. Color white, heavily striped and flaked with bright rose. Pkt. 5c., oz. 10c.

Prima Donna. New. See Novelties, pages 37 and 59.

Ramona. A creamy white, daintily splashed and striped with pale pink on both wings and standard; flowers large; hooded form; delicately beautiful. Pkt. 5c., oz. 15c.

***Royal Robe.** Standards a rich but delicate pink; wings a soft blush pink; an exquisite variety. Pkt. 5c., oz. 10c.

***The Senator.** Creamy white, striped chocolate. Pkt. 5c., oz. 10c.

***Stanley.** Deep maroon; flowers large; the finest dark. Pkt. 5c., oz. 10c.

***Venus.** Salmon-buff; magnificent flower. Pkt. 5c., oz. 10c.

New Dwarf Sweet Pea—Pink Cupid. For description of this pleasing and attractive novelty see page 35.

Dwarf White Sweet Pea—Cupid. Grows only 5 inches high; the flowers are large, of good form and substance. For edgings, beds and for pot culture it is unique and pretty. Pkt. 5c., oz. 20c.

Red Riding Hood. A new California introduction, in which the standard is undeveloped, having the appearance of a hood; the standard and wings are a rosy pink, shading to bluish white at the calyx; the fantastic looking flowers are borne in profusion on long stems, and are deliciously fragrant. Pkt. 10c.

One packet each of 35 varieties, on pages 58 and 59, priced at 5c. per packet, for only \$1.00; postage paid.

NEW SWEET PEAS—NOVELTIES OF 1897.

Aurora. The flowers are of fine substance, full expanded form, and are *truly gigantic in size*. The immense flowers are borne three or four on a stem; the stems are extra long and strong; the vines are vigorous in growth, and bloom most profusely; the color effect is gorgeous; both standard and wings are flaked and striped on a white ground, with *bright orange-salmon*. Pkt. 10c., oz. 25c.

Coquette. Beautiful hooded flowers of fine substance and large size; the wings are a clear primrose-yellow, while the standard is shaded pale lavender on a primrose ground, the shading becoming deeper in the middle, where a crease is formed by the curving sides of the large standard. The whole effect of the flower is that of a pale yellow with a purplish pink cast. Pkt. 10c., oz. 25c.

Lovely. First-class certificate, Edinburgh. A most pleasing shade of pink; wings delicate rose; charming color; large, very grand flower. A great acquisition. Pkt. 10c., oz. 25c.

Mars. Award of merit, R. H. S.; bright, fiery crimson, deepening with age. A large, finely expanded, bold flower of the most beautiful form. A great advance on every crimson yet introduced. Pkt. 10c., oz. 25c.

Prima Donna. A most lovely shade of soft pink, of large size and fine form; *a great gem*; very frequently bears four flowers on a stem, which are extremely prettily placed. Pkt. 10c., oz. 25c.

SWEET PEAS IN MIXTURE.

Bruce's Choice Mixed. This superb mixture is a choice blending (mixed by ourselves), from named varieties only; including many of Eckford's best, insuring a most satisfactory result in colors, and vastly superior to the ordinary mixture sold, which usually contain a large proportion of dull colors. Pkt. 5c., oz. 10., $\frac{1}{4}$ lb. 25c., lb. 75c.

Good Mixed..... $\frac{1}{4}$ lb. 15c., lb. 50c

SWEET PEAS IN COLLECTIONS.

Bruce's Royal Nosegay. Ten superb varieties, 25c. To still further increase the popularity of Bruce's Royal Nosegay we have decided to offer it this season in two sets, as follows:

SET A.

(Each variety separate and correctly named).

Alice Eckford.	Firefly.
Blanche Burpee.	Katharine Tracy.
Blanche Ferry.	Mikado.
Crown Jewel.	Ramona.
Dorothy Tennant.	Stanley.

Price per set 25c.,
or the two sets 50c.
Postpaid to any address in Canada.

SET B.

(Each variety separate and correctly named).

America.	Emily Henderson.
Captivation	Juanita.
Countess of Aberdeen.	Lady Penzance.
Countess of Radnor.	Mrs. Eckford.
Celestial.	Venus.

No such value in Sweet Peas has ever before been offered, each set being composed of the very finest large flowered free-blooming varieties, specially selected to give the greatest diversity of the choicest and most striking colors.

NOVELTY COLLECTION.

Six of the finest new varieties 50c.

In this collection will be found the best of last year's novelties in Sweet Peas, viz.: Aurora, Coquette, Lovely, Mars, Prima Donna, and the new freak Red Riding Hood.

SWEET WILLIAM.

Dianthus Barbatus. Well-known and popular *biennial*; of easy culture. The plants are hardy and of a vigorous growth; the flowers sweet-scented, borne in profusion, are of extreme richness and variety of color.

Hunt's Pefection. Splendid strain.....pkt. 5

Dunnett's. Double mixed... .. " 5

Fine mixed.....Per oz. 40c.; " 5

THUNBERGIA.

Handsome, free-flowering and rapid growing climbers, for the conservatory or out-door cultivation. *Half-hardy annual*.

Fine Mixed.....pkt. 5

TORENIA.

A very fine *annual* forming a splendid plant for vases, hanging baskets, green-house, or for growing out of doors.

Fournieri. Large sky-blue flowers, with three spots of dark blue, and bright yellow centre... ..pkt. 10

White Wings. An attractive, pure white variety. " 10

Bailloni. Golden yellow, with brown-red throat.. " 10

TRIFOLIUM ODORATUM.

Sweet Scented Clover. Very fragrant; 2 ft. *Hardy perennial*.....pkt. 5

VALERIAN.

Very showy border plants, with large umbels of light colored flowers *Hardy perennial*. Fine mixed.pkt. 5

VENUS' LOOKING GLASS.

A free-flowering, pretty little plant especially adapted for beds, edgings, etc. *Hardy annual*.

Blue and White. Mixed.....pkt. 5



VERBENA.

A universal favorite, raised from seed sown in January or February will bloom abundantly during the summer and autumn of the same year. The plants are more robust in growth, and produce more flowers than those propagated from cuttings. *Half-hardy perennial.*

- Fine mixed. All colors..... per oz. \$1.00; pkt. 5
- Choice mixed. From named flowers..... " 10
- Striped Italian. Very fine..... " 10
- Auricula Flowered. Fine mixed; beautiful strain..... " 10
- White. Superb strain..... " 10
- Defiance. Bright scarlet..... " 10
- New Mammoth. The plants of this variety bloom freely and are vigorous in growth. The flowers are of the largest size, and embrace all the beautiful new colors and shades..... pkt. 10
- Collection (Imported). Of six finest colors..... 60

ZINNIAS.

Very handsome free-flowering plants, of great richness and variety of colors, which have long been general favorites. The flowers measure two to three inches in diameter, and of various shades of color, embracing purple, deep rose, light rose, mottled rose, red, orange and buff; they resemble in their outline a fine Double French Marigold, but much larger in size. *Half-hardy annual.*

- Tall Double Mixed..... oz. 50c.; pkt. 5
- Dwarf Double Mixed..... " 50c.; " 5
- Double White..... " 5
- Double Scarlet..... " 5
- Collection of six finest double varieties..... 50
- " " " dwarf double varieties..... 50

- Giant Flowered.** This variety forms a handsome bush, 3 feet in height, and the mammoth double flowers, measuring 5 to six inches across, are of the most brilliant colors..... pkt. 10
- Lilliput Flowered.** A charming new class, with small and very double flowers; excellent for bouquets; mixed colors..... pkt. 10
- Double Pom-pom.** Compact plants, not over 12 inches high; very pretty pkt. 10

VIOLET.

Well-known fragrant spring flowering plants. *Hardy perennial.*

- White Perpetual.** Very pretty; $\frac{1}{2}$ ft..... pkt. 10
- The Czar.** Large flowered purple..... " 10

VIRGINIAN STOCK.

Extremely pretty, profuse flowering little plants, effective in small beds, baskets or edgings; grows freely in any soil. *Hardy annual.*

- Red** $\frac{1}{2}$ ft..... pkt. 5

WHITLAVIA GRANDIFLORA.

One of the most charming Californian plants of recent introduction; very effective for beds, ribboning or mixed borders. *Hardy annual.*

- Gloxinoides.** Blue and white; 1 ft..... pkt. 5

WINTER CHERRY.

- Physalis Francheti.** See Novelties, page 37..... pkt. 15

XERANTHEMUM.

Very showy, free-flowering everlastings; valuable for winter bouquets. *Hardy annual.*

- Purple, Yellow and White.** Mixed; 2 ft..... pkt. 5

Special Mixture of Flower Seeds for Wild Flower Gardens.

These mixed flower seeds embrace a great variety of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for sowing in almost any odd corner of the garden or grounds, and if kept free from weeds can be made to produce a continual display of bloom during the summer. Per pkt. 10c., $\frac{1}{2}$ oz. 20c.



WALLFLOWER.

A well-known fragrant plant. *Half-hardy perennial.*

- Blood Red.** 2 ft..... pkt. 5
- Golden King.** Fine yellow; 2 ft..... " 5
- Harbinger.** Very early, color brown.... " 5
- Fine mixed**..... per oz. 40c.; " 5
- German Double.** Choice mixed; 2 ft.... " 10

NEW ANNUAL WALLFLOWER.

Flowering the same season from spring-sown seed, their adaptability for pot culture and outdoor planting, with their deliciously fragrant light brown flowers, should make these New Annuals general favorites. Pkt. 10c.

BRUCE'S FLORAL COLLECTIONS FOR 1898. (See page 34).

- | | |
|------------------------------------|----------------------------------|
| A—10 choice varieties.....25 | C—15 extra fine varieties.....75 |
| B—18 " "..... 50 | D—10 newest ".....\$1 10 |
| E—Perennials, 6 varieties.....25c. | |

ORNAMENTAL GRASSES

Are particularly valuable for the formation of winter bouquets, wreaths and other ornaments in connection with the ever-lasting flowers, for which purpose they should be cut when green, at about the time of flowering, and dried in the shade.

	Per pkt.
Agrostis Pulchella. Very beautiful.....	5
Agrostis Nebulosa. The most elegant of ornamental grasses.....	5
Avena Sterilis. (Animated Oats). Very interesting.....	5
Briza Maxima. One of the best ornamental grasses ; perfectly hardy.....	5
Briza Gracilis. Very beautiful variety from Cape of Good Hope.....	5
Bromus Brizæformis. Very fine grass, with elegant hanging ears.....	5
Bromus Madritensis. Very fine for dyeing....	5
Chloris Barbata. Small growth and tassel-like..	5
Coix Lacryma. (Job's Tears). Broad corn-like leaves.....	5
Eragrostis Elegans. An elegant, airy grass of dwarf growth.....	5
Erianthus Ravennæ, Fol. Var. (New). Same habit as Erianthus Ravennæ, with beautiful variegated foliage.....	5

	Per pkt.
Erianthus Ravennæ. Extremely elegant ; resembling the Pampas Grass in appearance and habit of growth ; its noble plumes of silvery inflorescence are pure white and delicately beautiful ; 7 ft.....	5
Gynerium Argenteum. (Pampas Grass). The most noble grass in cultivation ; flowers second season ; not quite hardy here, though we have kept plants safely by covering with leaves.....	5
Hordeum Jubatum. One of the finest for bouquets.....	5
Lagurus Ovatus. (Hare's Tail Grass). Small, white plumes ; 1 ft.....	5
Stipa Pennata. (Feather Grass). Magnificent, but rather difficult to grow without heat.....	5
Zea Japonica, Fol. Var. (Striped Leaved Japanese Corn). The leaves finely striped with white.	5

FLOWERING BULBS.

GLOXINIAS AND TUBEROUS BEGONIAS.

Our stock of these beautiful and interesting plants is from a celebrated Continental grower, and can be recommended with confidence. We offer dormant flowering bulbs of the following :

Gloxinias.	Separate colors, Pure White, Scarlet, Scarlet with white throat, Tigered and Spotted.....	each	25
"	Mixed colors, unnamed.....	"	15
Begonias.	Single separate colors, White, Pink, Crimson, Scarlet and Yellow	"	15
"	Single Mixed colors	"	10
"	Double separate colors, White, Pink, Crimson, Scarlet and Yellow	"	25
"	Double Mixed colors.....	"	20

DOUBLE TUBEROSE.

The fragrance and beauty of the Tuberose has made it a favorite with all. It keeps in bloom for a lengthened period, and its pure white wax-like flowers are produced in long spikes. Plant in the open ground in May ; the bulbs can be started much earlier in pots if desired. Place in a sunny spot in rich soil and cover the top of the bulb to the depth of an inch.

The Pearl. Large flowering roots..... per doz., 50c. ; per 100, \$3 00

FINEST DOUBLE AND SINGLE DAHLIAS.

Selected from the finest collection in Canada ; the tubers are large, and each will produce from two to three strong eyes. Plant when the ground is dry and warm, from middle of May to middle of June, in rich loamy soil ; water frequently after planting and tie to stakes. A little pruning and thinning out will produce extra large blooms. About the middle of October take up the roots, and place on shelves in a dry cellar, free from frost. Self colors and fancy varieties, 20c. each ; \$2.00 per doz.

CACTUS AND POMPON DAHLIAS.

This beautiful class produces flowers of exquisite form and color, and are very valuable for table bouquets and other floral decorations. 20c. each ; \$2.00 per doz.

LILIES, ETC.

	Each.	Per doz.
Auratum. (Golden Japan Lily). White ground with purple spots, flaked and striped with gold	\$0 15	\$1 50
Elegans.	10	1 00
Lancifolium. Album, white Japan.....	20	2 00
" Roseum, rose Japan.....	15	1 50
" Rubrum, red Japan.....	15	1 50

	Each.	Per doz.
Pardalinum. (Leopard).....	\$0 15	\$1 50
Tigridia Pavonia. Crimson, spotted tiger flower	10	1 00
Tigridia Conchiflora. Yellow..	10	1 00
Tigrinum. (Tiger)	10	1 00
Iris German. Mixed.....	15	1 50
" Kaempferi. Mixed.....	25	2 50

COLOCASIA (CALADIUM) ESCULENTUM.

One of the most beautiful and striking of the ornamental foliage plants, either for cultivation in large pots or tubs, or for planting out on the lawn. 1st size, 20c. each ; \$2 per dozen. 2nd size, 10c. each ; \$1.00 per dozen. Fancy leaved varieties, 20c. each ; \$2.00 per dozen.

GLADIOLUS.

FOR SPRING PLANTING.



Gladiolus.

There are few flowers which produce such a gorgeous effect as this magnificent autumn flowering plant. Largely as they are used, and popular as they undoubtedly are, they deserve to be still more extensively grown. The great wealth and variety of color, the richness of their markings, the size of the flowers and the profusion of bloom, all combine to make them one of the most effective plants for the garden, either for massing or for growing as single specimens.

CULTURE.—Gladiolus are of the easiest culture. The bulbs may be planted any time from the middle of May up to the end of June. They will grow well in ordinary garden soil with almost no care whatever. The bulbs may be taken up in the fall and stored during the winter in a dry cellar away from frost.

African. Darkest crimson black, with a pure white blotch in the throat. The darkest and one of the finest colors; large flower and spike. . . each 10

Ajax. Beautifully striped. " 10

Ali. Tall and compact spike, with numerous and perfectly arranged flowers. The ground of the upper petals is of a very pale creamy rose, striped and pencilled cherry-red; lower petals yellow, with a rose sheen, and finely rayed or striped purplish-red. each 20

Augusta. Lovely pure white, with blue anthers. " 20

Bicolor. Large flowers of bright rosy salmon, except lower petals, which are ivory white, suffused with rose at edges. each 20

Brenchleyensis. Vermillion scarlet, fine old variety. " 5

Canary Bird. Golden yellow, pure and distinct; the best yellow " 20

Coquette. Large and fine flower of bright cherry red, with a conspicuous pure white blotch; upper petals striped with delicate rose. each 10

Diamant. Fleshy white, of a remarkable freshness, throat ivory white; blotched and streaked carmine. each 10

Duchess of Edinburgh. A flower of fine form and great substance; a plant of strong growth, purplish rose carmine stripe. each 10

Fatima. Very large flowers of ivory white ground, profusely striped and suffused with bright rosy salmon; violet blotch. each 10

Grand Rouge. Enormous spikes and flowers of the most perfect shape; intense scarlet, with small violet blotch in the throat; grand. each 10

Horace Vernet. Large, purple-red, with white blotch, each. 10

Isaac Buchanan. Very fine yellow. each 10

John Bull. White, slightly tinged with sulphur " 5

Leander. Large flower of lilac color, beautifully shading off to carmine; distinct white band in each petal, and white blotch. each 15

Lamarek. Cherry, slightly tinged with orange; blazed with red; centre very well lighted; large, pure white stain. each 10

Marie Mies. Delicate rose, framed with carmine; slight blotch of rosy purple; dense spike. each 20

Madame Monneret. Delicate Rose. each 5

May. A lovely pure white, finely flaked bright rosy-crimson; superb spike. each 10

Mr. Bains. A distinct color, clear light red; self color; each. 10

Octoroon. Beautiful salmon pink. each 10

Pepita. Bright golden yellow flowers, slightly striped carmine at the edges of the petals towards the end of the flowering season. each 10

Snow White. The only pure white, large, well-opened flowers and enormous spikes. each 20

Sylphide. Pure white, flamed carmine; large and fine, each. 10

The above Collection of 25 fine separate varieties. \$2 75

Collection of 20 varieties, our selection. 1 75

Collection of 12 varieties, our selection. 90

Childsii. A new departure in Gladiolus; in growth they are much stronger and more vigorous than the others, very tall and erect, branching freely, and with immense spikes of bloom. The flowers are of great substance, and of large size, and the coloring cannot be surpassed by even orchids. Every color known among Gladiolus, and many never before seen, are represented in this beautiful class. Per doz., \$1.00; per 100, \$7.00.

Lemoine's New Hardy Hybrids. The odd and fantastic markings of these Gladiolus and their beautiful shape resemble the fascinating beauty of the orchid; yellow, crimson, white, brown, pink, etc., are blended together, producing an effect seen in no other flower.

Fine mixed varieties, per doz., 50c.; \$2.50 per 100.

GLADIOLUS IN SEPARATE COLORS.

THESE ARE CHOICE AND ABSOLUTELY TRUE TO COLOR.

White and Light. Mixed; superb. Per doz., 50c.; per 100, \$3.00.

Scarlet and Red. Extra fine mixed. Per doz., 40c.; per 100, \$2.00.

Pink. Fine pink and rose shades. Per doz., 40c.; per 100, \$2.00.

Yellow and Orange. Best yellow colors. Per doz., 75c.; per 100, \$5.00.

Striped and Variegated. Extra fine. Per doz., 60c.; per 100, \$4.00.

All colors, finest mixed. Per doz., 25c.; per 100, \$1 50
" choice " " 15c.; " 1 00

STRAWBERRY PLANTS.

WHEN ORDERED TO BE SENT BY MAIL, ADD 20 CENTS FOR POSTAGE ON EVERY 100 PLANTS.

The following list consists of the standard varieties in general cultivation :

	Per doz.	Per 100
Michael's Early. An extra early variety ; prolific bearer ; color scarlet.....	\$0 25	\$1 00
Wilson's Albany. An old favorite, being a good cropper and unexcelled for shipping.....	25	1 00
Brandywine (Staminate). A new variety, of immense size and finest quality, continues a long time in bearing ; a most desirable variety	25	1 00
Williams (Staminate). A valuable variety of Canadian origin ; fruit large and handsome ; an abundant bearer and of excellent flavor ; largely grown for market purposes	25	1 00
Bubach (Pistillate). Very strong, vigorous plants, producing early fruit of the largest size and the finest flavor.	25	1 00
Haverland (Pistillate). A vigorous grower and abundant bearer ; fruit large and moderately firm.....	25	1 00

RASPBERRY PLANTS.

Columbia. A wonderful new variety, at present in great demand ; an unusually vigorous grower and very prolific. - Per plant, 20c. ; per doz., \$2.00.		
	Per doz.	Per 100
Cuthbert. Red, vigorous and very hardy ; an abundant bearer ; fruit large and of the finest flavor.....	\$0 40	\$1 50
Golden Queen. The best of yellow Raspberries.....	40	1 50
Gregg. The best of all black cap varieties.....	40	1 50

CURRANTS AND GOOSEBERRIES.

	Per doz.		Per doz.
Red Cherry	\$1 00	Black Naples	\$1 00
Victoria Red	1 00	Lee's Prolific Black	1 00
Raby Castle Red	1 00	Gooseberries. Smith's Improved White.....	1 50
Fay's Prolific Red	1 00	“ Downing	1 00
Black Champion	1 50	“ Red Jacket	1 00

When Currants, Gooseberries or Raspberries are ordered to be sent by mail, 25 cents additional must be remitted on each dozen ordered, to prepay postage. Express is the most satisfactory way of sending these plants.

CLEMATIS IN VARIETY.

There are no hardy climbing plants attracting more attention and admiration at the present time than the Clematis. They are in continuous flower from June till November, and are all perfectly hardy ; excellent for covering walls, trellises, porches, verandas, old stumps, etc. They require good, rich soil. In very dry weather, water occasionally.

- Duchess of Edinburgh.** Double, pure white, fragrant.
- Henryi.** Pure white, very large ; the best of the single white varieties.
- Jackmanii.** The best known of all Clematis, intense violet purple.
- Jackmanii Superba.** The same color and character as Jackmanii, but of a stronger and more robust habit.
- Mrs. Jas. Bateman.** Delicate mauve.
- Paniculata.** Creamy-white fragrant flowers, borne in greatest possible profusion ; a hardy and vigorous climber.

THE ABOVE IN STRONG TWO-YEAR OLD PLANTS, PRICE 60 CENTS EACH, POSTPAID.

HARDY HERBACEOUS PLANTS.

	Per doz.		Each.	Per doz.
Delphiniums Hybrids.....	\$1 50	Pæonies. Fine, named.....	\$0 40	\$4 00
Hollyhocks. Fine mixed	1 50	“ Fine mixed.....	20	2 00
Iris German. Fine mixed....	1 50	Violets. Fine mixed		1 50
Phlox. Hardy, named.....	2 00	Rudbeckia. Golden Glow.....	20	

CHOICE BEDDING AND OTHER PLANTS.

Abutilonsper doz.	\$1 00	Heliotropesper doz.	\$1 00
Begonias. Flowering	“ 1 50	Oleanders. Double and Single.....	each 25
Carnations	“ 1 00	Pansies. Extra choice.....	per doz. 50
Chrysanthemums	“ 1 00	Petunias. Double	“ 1 50
Coleus	“ 80	“ Single	“ 80
Cannas. Named	“ 1 50	Roses. Climbing	each 25
Cyclamen	each, 15c. to 25	“ Hybrid Perpetual, 1 year pot grown...	“ 15
Geraniums. Double and Single....	per doz. 1 00	“ “ “ 2 year strong plants “	30
“ Ivy leaf.....	“ 1 50	“ Moss, 2 year strong plants.....	“ 35

BRUCE'S SELECT LAWN GRASS MIXTURE, Per lb. 30 Cents, Postpaid.

.....FERTILIZERS.....

The Buffalo Ammoniated Bone Superphosphate is a highly concentrated, active and efficient fertilizer. It is dry and finely powdered; therefore well adapted for drilling or sowing broadcast; the soil quickly takes hold of it, and the plant derives just the nutriment needed. It is particularly adapted for wheat, corn, rye, buckwheat, oats, barley, grass, tobacco, hops and fruit trees, and the testimonials which can be produced certifying to the value of Bone Superphosphate as a fertilizer are unlimited, it frequently doubling the natural crop. For grain crop use 300 to 500 pounds per acre; for grass crops 250 to 300 pounds per acre. \$40 per ton; \$6.00 per barrel of 250 pounds; \$3.00 per 100 pounds.

Buffalo Pure Ground Bones for fertilizing purposes. Our ground bones are a very superior and carefully prepared fertilizer. A machine that will sow plaster will also answer the above. In Turnip culture they are particularly recommended. Apply at the rate of ten bushels (600 pounds) per acre, and drill in with the seed. Highly recommended for lawns, etc. \$3.00 per 100 pounds; \$5.00 per bag of 200 pounds; \$40 per ton.

Peruvian Guano. From the large amount of ammonia and phosphate contained in pure Guano, it is one of the most powerful stimulants for plants and growing crops. Before using it should be made fine, and may be mixed with loam, charcoal dust or plaster. It should not be mixed with lime or ashes; muck and clay also are not suitable. It should not come in contact with growing plants. As it is nearly soluble in water, it is most easily converted into liquid manure, and when applied in that form its effects are almost immediate. One pound of Guano to twenty gallons of water will be sufficiently strong for a single watering each week, or more efficient than repeated waterings with weaker solutions. Per pound, 10c.; 25 pounds, \$2.00; 100 pounds, \$6.00.

Nitrate of Soda. A powerful fertilizer, containing a large percentage of nitrogen, the property which soil most requires. Per 100 pounds, \$3.50.

Gypsum, or Pure Land Plaster, is white. It has great power in seizing on the escaping ammonia and giving it to plant life. Gypsum is the cheapest, and especially when used in conjunction with manure, one of the most powerful fertilizers in nature. It also attracts moisture. Is used largely on all crops, and is of great benefit to Lawns, as well as to every sort of Fruit Trees, Vegetables or Flowers. Sow early in the spring and autumn, when verdure is moist. Best effect to sow light and often. In good linen bags containing 200 pounds, 75c. per bag; \$6.50 per ton.

Hammond's Sward Food. A first-class top dressing, especially prepared for Lawns, Meadows and all grass lands, to assure a thick, matted growth of rootlets. It is bad for the grubs and brings no weeds. Approximate quantity to be used: For say 2,000 square feet, 25 pounds; per acre 600 to 1,000 pounds. No unpleasant odor and quick results. For flowers, stir it in the soil and it will help to make a poor flower bed profuse, bountiful and beautiful. Morning Glories fairly revel from its effects, and so do all running vines and Cabbage, Kale and Spinach. In 5 pound packages, 30c.; 10 pound packages, 50c.; 100 pound kegs, \$4.00.

SPECIAL MANURES FOR HOUSE AND GARDEN PLANTS.

Peruvian Guano. A valuable plant food. In packages at 10c. (postpaid 20c.), and 25c. (postpaid 50c.).

Aimes' Chemical Manure. One of the finest fertilizers known for all kinds of pot plants. It appears to be an insecticide as well as a stimulant. Per package 10c. (postpaid 20c.), and 25c. (postpaid 50c.).

PREPARATIONS FOR THE DESTRUCTION OF INSECTS.

Carbonate of Copper Fungicide. For destroying mildew, apple scab, etc. Contents of one jug are emptied into seven gallons of water, and it is then ready for use. In stone jugs, 30c. each.

Church's Potato Bug Finish. One of the best destroyers of potato bugs on the market; has given splendid satisfaction. It is also recommended to destroy all insect life which feeds on the leaves of plants, shrubs, bushes, etc. Use 25 lbs. to acre, and dust it on with a fine sieve. Apply after a rain or after a dew in the morning so that it will adhere to the vines. In 1 lb. cannisters, 10c. each; in 5 lb. lots, 25c.; in 25 lb. lots, 60c.; in 100 lb. lots, \$1.50; barrels of 300 lbs. \$4.

Grape Dust. (Hammond's). An excellent article for killing as well as preventing mildew, mould, or rust mites, on roses, grapevines, and other plants and trees affected by the same. More effectual and cheaper than sulphur. Requires to be applied reasonably frequent. In 5 lb. packages, 50c.; in 100 lb. kegs, \$6.00.

Gishurst Compound. (Patented). For preventing and destroying red spider, mealy bug, mildew, green and brown fly, thrip, scale, blight, ants, etc. It is largely used by the leading horticulturists in Britain and America. Numerous testimonials accompany each box. Price, 50c. a box.

Hughes' Fir Tree Oil. This new insect destroyer has proved to be one of the most reliable for red spider, green fly, mealy bugs, scale, ants, thrip, onion fly, caterpillar, slugs, blight, etc. It is also much used as a dog wash. Fir Tree Oil is put up and sold in bottles with directions for its use. Per large bottle, 75c.

Hammond's Thrip Juice kills lice and scale. A concentrated liquid insecticide for destroying the lice, scale, caterpillars, mealy bugs, etc. Non-poisonous diluted with two hundred times its bulk. Arseniated, for orchard use, diluted with four hundred times its bulk of water. Pint cans, 40c.; quart cans, 75c.

Nikoteen. A liquid insecticide for use of florists and gardeners. It is composed of that element in tobacco which gives it its value and nothing else. This is, without doubt, the best remedy for most of the insects that attack plants and flowers. Circulars giving full description and mode of treatment on application. Price, \$2.00 per pint bottle.

Slug Shot. (Hammond's). It is in the form of an impalpable powder, and is fatal to insect life in every form which they are injurious to vegetation. It not only acts as an insect destroyer but it will be found to be an excellent fertilizer, as plants upon which it is used will be found to grow and look much finer than those upon which it is not. It contains nothing injurious to domestic animals, and does not deteriorate by age. On low growing plants it should be dusted on with a very fine sifter. Cannisters with perforated top, filled with Slug Shot, 20c. each (postpaid 35c.). In 5 lb. packages, 35c.; 10 lb. packages, 65c.; in barrels of about 225 lbs., 4½c. per lb.

Thomson's Styptic. A preparation for preventing the bleeding of vines; largely used by the leading horticulturists in Great Britain. Per bottle, 75c.

Whale Oil Soap. For preserving flowers, shrubs, vines and particularly rose bushes, from the destructive effects of slugs, grubs, worms, etc., 15c. per lb. (postpaid 30c.).

LABOR SAVING IMPLEMENTS.

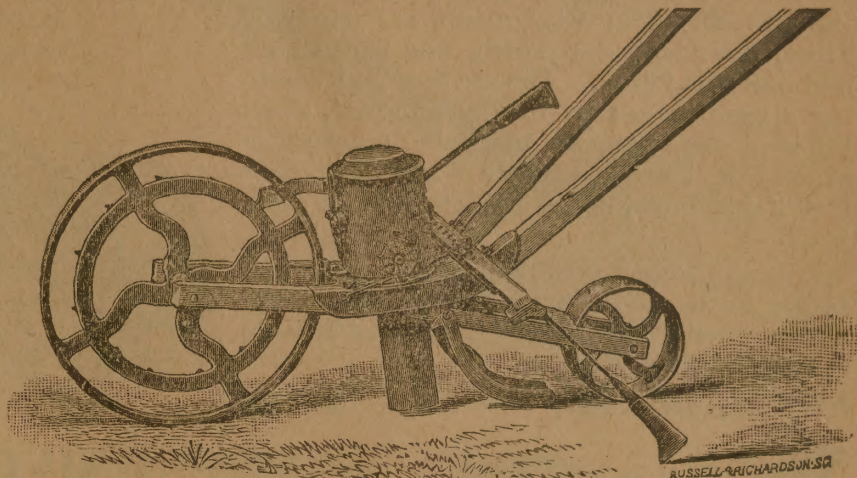
MATTHEWS' IMPROVED SEED DRILL.

With New Seed Cut-off and Improved Markers.

Is everywhere acknowledged to be the standard Drill of America: It has been many years in use, and its largely increasing sale is the best evidence of its merit.

It is designed for use in field or garden. When in operation it opens the furrows, drops the seed accurately at the desired depth, covers it, and lightly rolls the earth down over it, and at the same time marks the new row. It will sow *Beet, Carrot, Onion, Turnip, Parsnip, Sage, Spinage, Sorghum, Peas, Beans, Fodder Corn, Broom Corn, Etc.*, with a certainty, regularity and rapidity impossible for the most skilful hand to do.

Price, Boxed, - - - \$8.00.



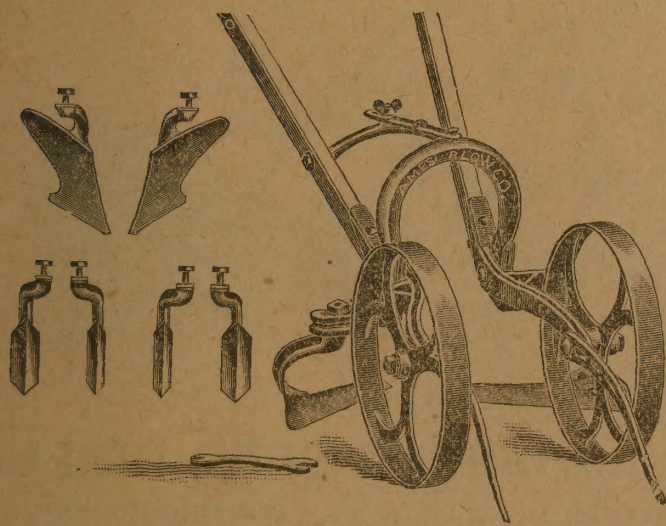
MATTHEWS' NEW UNIVERSAL HILL AND DRILL SEEDER.

Same in style and working qualities as the above, just described, but so arranged as to drop the seed either continuously in drills or at distances of 4, 8, 12, 16, 24 and 48 inches apart. The adjustment of this Hill Dropper saves the seed, as no more than desired is dropped at a time. The adjustment from drills to hills is made by one screw in attaching the brass cut-off to the agitator. **Price, Boxed, \$9.00.**

MATTHEWS' GARDEN GEM DRILL.

This has been perfected to meet the demand for a low-priced drill. We have not only accomplished this in our design, but here offer a drill with all the essential qualities of the Matthews principle, even to embodying Seed Dial and Indicator, from exactly same patterns as those used on the larger and more expensive drills. We do not recommend it for use instead of the larger drills, but we are sure that all in want of such a drill as we represent this to be will find it to their advantage to buy the Matthews' Garden Gem. This drill does not have the new Seed Cut-off, but the Agitator can be checked same as in the larger drills. **Price, Boxed, \$6.00.**

MATTHEWS' NEW UNIVERSAL DOUBLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.



Including one pair Rakes (not illustrated).

Price, Boxed, \$6.50. With one pair Hoe Blades only, \$4.00.

Specially designed for working both sides of the row at one passing. The special recommendation is the *Adjustable Arch*, by which not only the *depth* of work can be gauged, but which, by an ingenious device enables the teeth to be pitched at any angle desired. It can be pushed straight ahead, but better results are obtained by using it same as a scuffle hoe, with successive strokes of length to suit the nature of soil and crop. It can be used either astride or between rows. To work both sides of the row at one passing, the attachment can be set to suit width of crop to be cultivated, keeping road midway between the wheels; no need to watch the teeth. The hoe blades can be set to turn in or out as desired by the operator. Four cultivator teeth are furnished with each; two can be used at desired width to mark out rows. For furrowing, the plows can be set close together and turn outward; for covering, set to width desired and turn inward. The depth can be regulated by adjusting wheel arms in the three holes provided on each side of Arch, also by pitching the Arch by means of the arch brace and the thumb bolt, where it connects to the lower handle brace. The leaf guards are to prevent wheels from injuring large spreading foliage.

MATTHEWS' NEW UNIVERSAL SINGLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.

As with the *Double Wheel Hoe* just described it can be used either between or astride the rows, although it is really intended for between row cultivation. For straddle cultivation the wheel can be set to one side so as to bring the row of *young* plants under centre of frame. Later cultivation must be done between rows. The adjustment for graduating the depth of cultivation is unique and readily accomplished. There are five adjustments of depth. The attachments are 1 pair Hoes, 5 Cultivator Teeth, 1 pair Plows, 1 pair Rakes and 1 Vine or Leaf Guard.

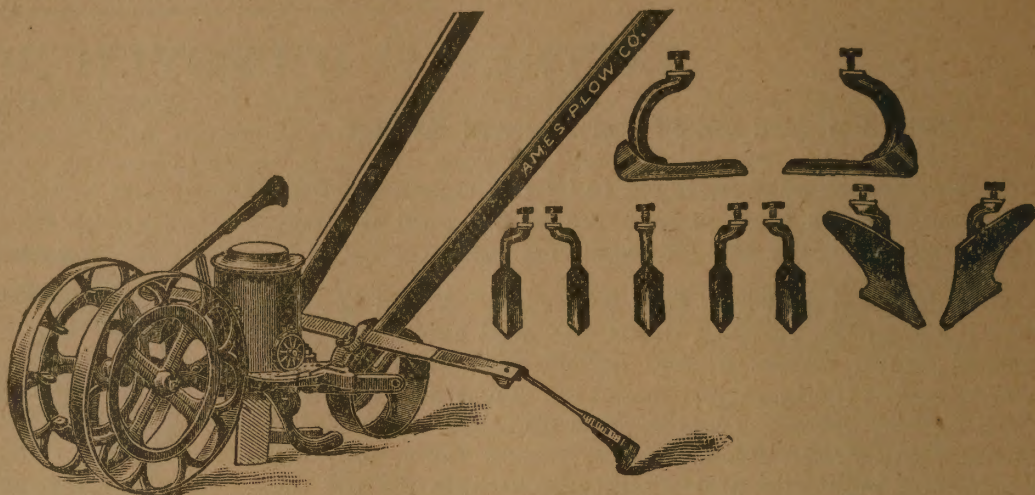
Price, Boxed, \$5.50. With one pair Hoe Blades only, \$3.50.

MATTHEWS' NEW UNIVERSAL DOUBLE WHEEL COMBINED DRILL, HOE, CULTIVATOR, PLOW, ETC., INCLUDING ONE PAIR RAKES (not illustrated).

THIS desirable combination of the **Garden Drill**, already described with the new Universal Cultivating Attachments, is one which cannot fail of recommending itself to all. The attachments are one pair Hoes, five Cultivator Teeth, one pair Rakes and one pair Plows. The seeding and covering apparatus can be readily removed, when the implement presents much the appearance of the New Universal Single Wheel Hoe, Cultivator and Plow, and is used to do the same work.

It is not necessary to remove the seed box, as the teeth can be inserted in the frame with this attached. Can be used either as a Double or Single Wheel Machine.

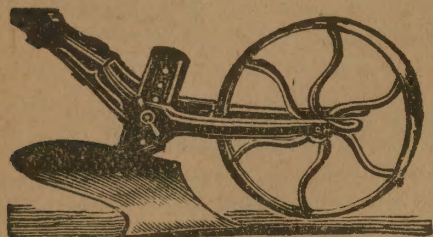
PRICE, BOXED, - - \$10.00



NEW UNIVERSAL HAND WHEEL PLOW.

This little labor-saving implement is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover, and to cultivate. The mould board is of steel, polished and tempered.

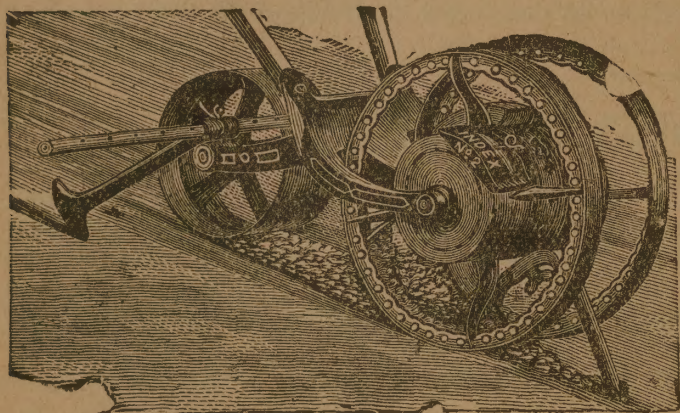
PRICE, BOXED, - - \$2.50.



THE "PLANET JR." No. 2 SEED DRILL.

Sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row in the most perfect and reliable manner, all at a single passage. It holds two-and-a-half quarts. It has no cams, cover brushes, cogs, springs or shakers, to get out of order; it is noiseless, automatic, self-cleaning and accurate; remarkable for simplicity, strength, and for ease and perfection of work in the field. No one having use for a Seed Drill can afford any other; it is the latest improved and best.

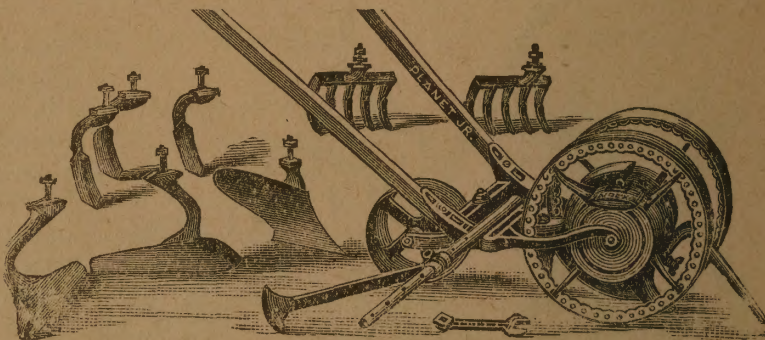
PRICE, BOXED, - - \$8.00.



THE "PLANET JR." COMBINED DRILL, WHEEL HOE, CULTIVATOR AND PLOW, ETC.

This tool is unrivalled in beauty of design, perfection of finish, convenience and capacity for work; it is suitable for either the farm or the garden. As a Seed Drill it is the same as the No. 2, except in size. It holds one quart. Each tool is supplied with one pair of long hoes, three reversible cultivator teeth, and a large garden plow. As a Hoe it works safely and closely both sides of the row at once when plants are small; between rows when plants are large, working all rows up to sixteen inches wide at one passage. As a Plow it opens furrows, covers them, hills, plows to and from, etc. As a Cultivator it is admirably adapted to deep mellowing of the soil. All the blades are tempered and polished steel. Easily changed from a Drill to its other uses.

PRICE, BOXED, - - - - \$11.00.

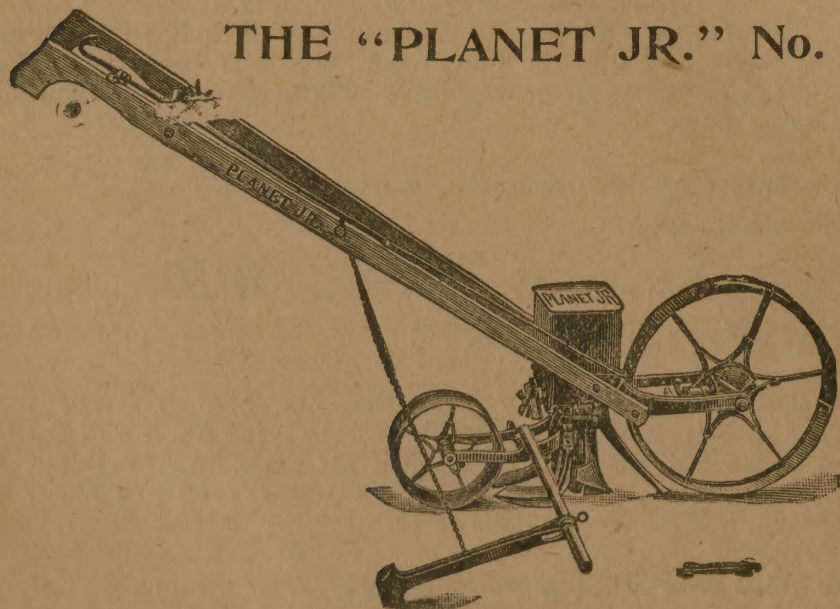


THE "PLANET JR." No. 3 HILL DROPPING SEED DRILL.

SOWS EITHER IN HILLS OR IN A CONTINUOUS ROW.

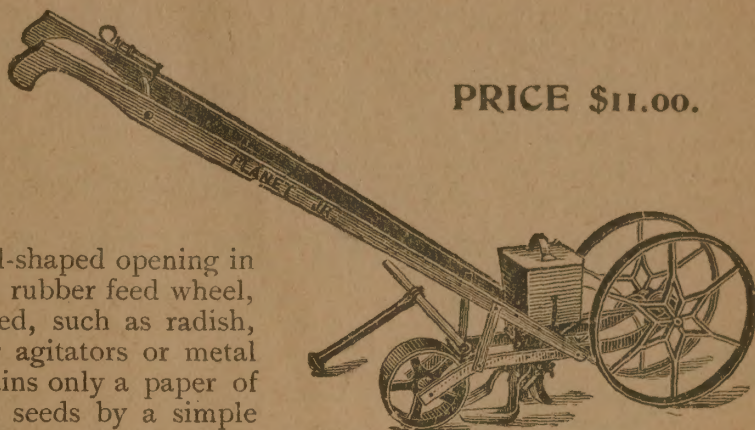
This Drill will sow in a continuous row, in the ordinary way, with the greatest regularity; but its distinctive feature is that it will drop neatly in hills either 4, 6, 8, 12 or 24 inches apart. It opens the furrow, drops in hills or drills, covers, rolls down and marks the next row, all at one operation. The hopper holds 3 quarts. The wheel is 13 inches high. It is changed in a moment from hill dropping to drill work. It has a force feed, sows equally well whether the hopper is full or contains only a paper of seed, and will not injure delicate seed, such as Radish, Cabbage, etc., which are so often peeled or crushed by Drills having agitators or metal wheels. It is nicely adapted to all conditions of land, working especially well in fresh ground or when planting on a ridge. The plow is adjustable and opens a very narrow furrow, which is a great advantage for after cultivation.

PRICE, BOXED, - - - \$11.00.



THE "PLANET JR." HILL DROPPING DRILL.

This Drill will sow in a continuous row, in the ordinary way, with the greatest regularity; but its distinctive feature is that it will also drop neatly in hills, either four, six, eight or twelve inches apart. It opens the furrow, plants, covers, rolls down and marks the next row, all at one operation. The hopper holds two quarts. The wheels are fifteen inches high. It is changed in a minute from hill dropping to drill work, by simply hooking up the "cut-off," and changed back again instantly by releasing it. The drill has a force feed; a peculiarly formed rubber double screw works over a diamond-shaped opening in the bottom of the hopper. While it sows with perfect regularity, the rubber feed wheel, revolving within a brass cylinder shield, cannot injure delicate seed, such as radish, cabbage, etc., which are often peeled or crushed by drills having agitators or metal wheels. It sows equally well whether the hopper is full or contains only a paper of seed. The setting is quickly and accurately done for the different seeds by a simple thumb-screw. An index plate, with names of the principal seeds, is placed at the top of the right handle, and the screw is turned until the indicator stands opposite the name of the one to be sown.

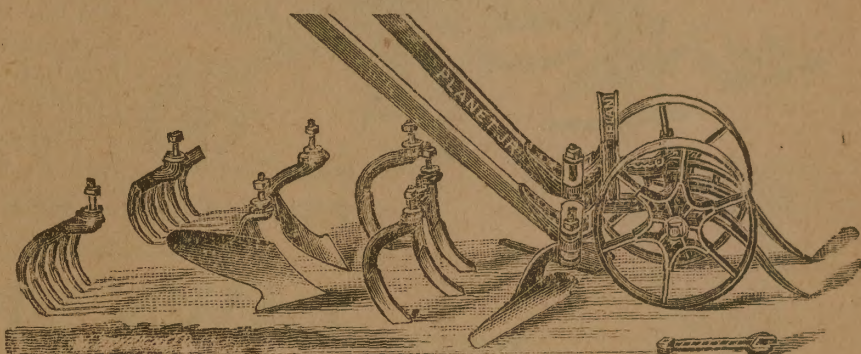


PRICE \$11.00.

THE "PLANET JR." DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.

This tool is especially adapted to Onion culture. It is light, strong, firm, quickly set and easily managed. Each tool is set out with two hoes, four cultivator teeth and two plows. The wheels are adjustable in height, can be set four, seven and ten inches apart, and the arch is fourteen inches high, thus enabling the operator to work both sides of the row at once at the time when such work is most necessary.

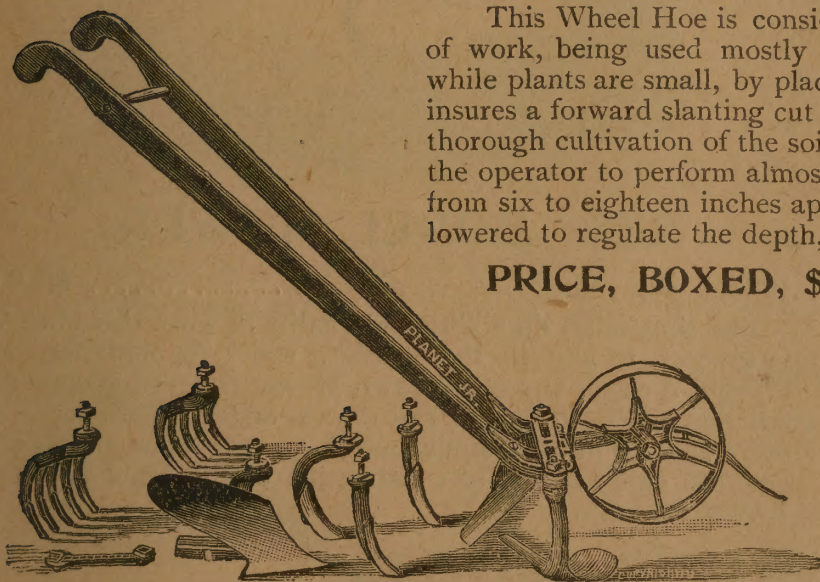
PRICE, BOXED, - - \$7.50
PLAIN DOUBLE WHEEL HOE, 4.50



THE "PLANET JR." SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.

This Wheel Hoe is considerably lighter than the Double, but does almost the same variety of work, being used mostly between the rows, yet it can be used to hoe both sides at once, while plants are small, by placing the wheel at one side of the frame. The form of the hoes insures a forward slanting cut next to the plant and consequent close work without danger, and thorough cultivation of the soil. The rakes and cultivator teeth and the hoes and plow enable the operator to perform almost every variety of work, either in the field or garden. All rows from six to eighteen inches apart can be hoed at one passage. The frame is quickly raised or lowered to regulate the depth, and the wheel has an extra broad face.

PRICE, BOXED, \$5.50. PLAIN SINGLE WHEEL HOE, \$3.50.



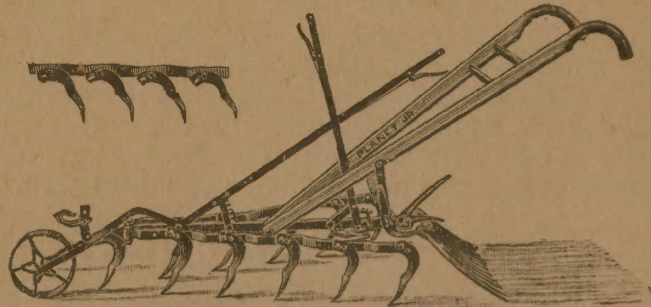
THE "FIRE-FLY" SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

This is exactly the same as the "Planet Jr." Single Wheel Hoe, excepting that it does not have the rakes or leaf lifter. The attachments are a pair of hoes that can be set to work to or from the row, a set of three reversible cultivator teeth and a large garden plow.

PRICE, BOXED, \$4.75. PLAIN SINGLE WHEEL HOE, \$3.25.

THE "PLANET JR." TWELVE TOOTH HARROW, CULTIVATOR AND PULVERIZER.

This new tool is offered as the very best known for its intended purpose. The frame is high. The blades are an inch wide, and of such shape as to work in the most thoroughly satisfactory manner, and to offer an unusual amount of wearing surface. The recurved throat of the tooth and the high frame prevent clogging. The reverse position is quickly given to the teeth by changing a single bolt in each. The frame is heavy and strong. The teeth are set straight with the line of motion at medium width, and are interchangeable. They may be worn off three inches before requiring renewal and yet retain the original cutting width, and are cheaply replaced when worn. This tool has our lever expander and lever wheel, by which the depth and width may be changed instantly while in motion from 32 to 12 inches, and also a thorough pulverizer attachment, which leaves the ground in the finest condition. The pulverizer is controlled by a lever, which is operated instantly by the foot while in motion. For fine cultivation, either deep or shallow, or for working among small plants, this tool has no equal. It cultivates deep without throwing earth upon the plants, and the teeth turn Strawberry runners without injuring them.

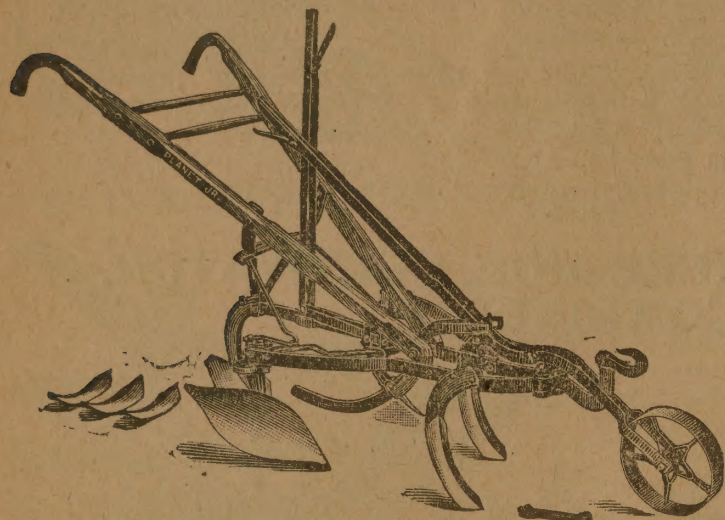


PRICE, PLAIN, \$7.50. WITH WHEEL, \$9.00. COMPLETE, WITH PULVERIZER, ETC., \$10.50.

THE "PLANET JR." No. 6 HORSE HOE AND CULTIVATOR.

Chief among its advantages is the *Lever Wheel*, a necessity for particular work; the patent *Lever Expander*, changing the width instantly; and *Handle Adjustment* for height, and also sidewise for use in pole beans, grapes, blackberries, nursery stock, etc., and when covering. It also has the patent parallel frame, interchangeable and adjustable *Hollow Steel* standards, reversible blades, sleeved bolt holes, etc. As a *Horse Hoe*, with side teeth reversed, it cuts close to the row without injury to the roots, leaving but little and in many cases nothing for the hand hoe. As a *Cultivator*, the reversible teeth cut off and turn over the weeds in the most perfect style. As a *Hiller*, the side teeth work in combination with the rear shovel to perfection. **Price, \$9.50; without Wheel, \$8.50.**

THE "PLANET JR." No. 8 HORSE HOE AND CULTIVATOR.



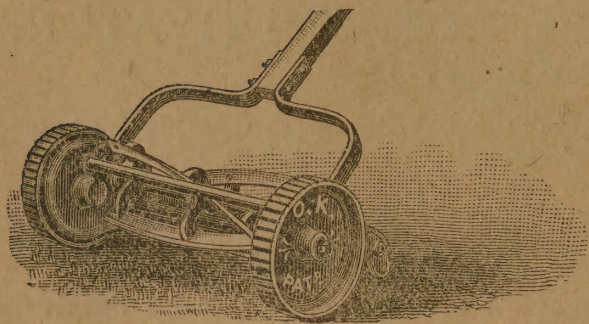
This is an improvement on the No. 6 Horse Hoe, and differs from it as follows:

The Frame is longer than usual and about one and a-half inches higher, making a tool that will not clog easily. *The Standards* are framed up hollow with round throats of stiff steel; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it. *The Depth* is under perfect control by means of a new lever wheel, and the new patented depth regulator; these are moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator. *The Expander*. This is an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions. *Handles and Braces*. These are also absolutely new, and the most effective and stiffest combination known, at once making the tool rigid, yet allowing every adjustment of handles in height and sidewise.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest.

PRICE, \$10.00; without Wheel, \$9.00.

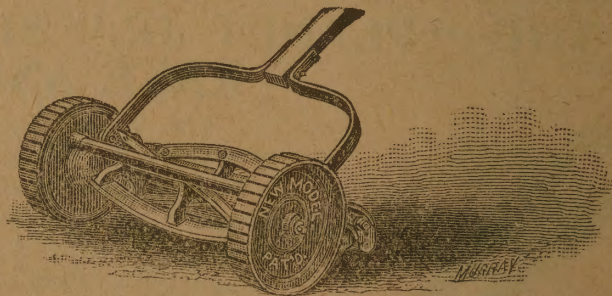
LAWN MOWERS.



THE "O. K."

14-inch cut..... \$5 00
16-inch cut..... 5 50

This Lawn Mower has been thoroughly tested, and we have no hesitation in recommending it in every respect as a first-class machine. For lightness of draught, simplicity of construction and adjustment this Lawn Mower is a great success; its quality is unquestioned, and is fully guaranteed.



NEW MODEL MOWER.

16-inch cut.....\$9 00

For simplicity, durability and quality of work this Mower is superior to any in the market, while for lightness of draught it excels any other Lawn Mower now manufactured. All that mechanical skill can devise, or the experience of a score of years in the manufacture of lawn mowers could suggest are embraced in the construction of the NEW MODEL LAWN MOWER.

NEW MODEL HIGH WHEEL MOWER.

This has all the good qualities of the famous "New Model," and in addition, besides other improvements, will cut higher grass than the ordinary Mower. **16-inch cut, \$10.00.**

THE UNIVERSAL LOW WHEEL MOWER.

This Mower has been constructed to meet the demand for a cheap, simple and light running Mower that any boy or girl can operate, and do first-class work. In its construction we have embraced many desirable features not possessed by other Mowers, adding greatly to its simplicity and durability.

The revolving cutter has three steel knives, steel shaft and malleable iron flanges. The journals have a new and simple device for taking up the wear. The knives are of the best quality of steel, and smaller parts are made of malleable iron. The adjustments are extremely simple, and the ratchet is the most durable produced. The wood roller is noiseless, and our double-edged bottom knife will outwear ordinary Mower knives. **Size, 16 inch. \$3.50 each.**

THE UNIVERSAL HIGH WHEEL MOWER.

This Mower, for cutting either tall or short grass, is intended to meet the requirements for a cheap, strong, substantial and light running machine, for use in public and private parks, cemeteries and extensive lawns.

It is the result of years of experience in the manufacture of Lawn Mowers, and a trial will demonstrate it to be the simplest and lightest running High Wheel Mower ever offered to the public, and the quality of the work it performs is beyond criticism. The driving wheels are 9 inches in diameter. The revolving cutter consists of a steel shaft, malleable iron flanges, and the knives are of extra heavy steel of the best quality. The adjustments and ratchets while simple are also positive and cannot get out of order. We use on this Mower our double-edged bottom knife and noiseless wood roller, the merits of which must be seen to be appreciated. **Size, 16 inch, \$5.00 each.**

MYERS' DOUBLE-ACTING BARREL SPRAY PUMP.

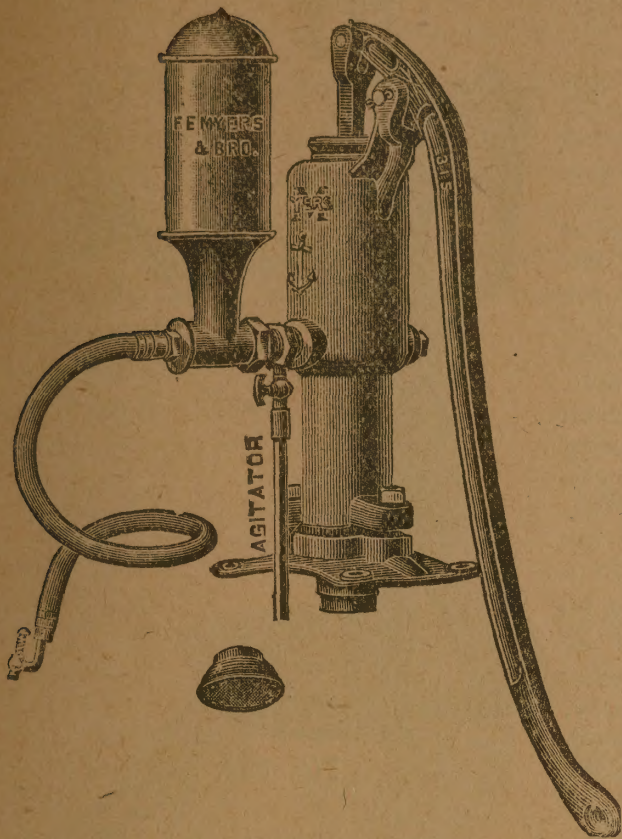


Fig. 544.

It has our patent submerged cylinder, is double-acting, has patent expansion rubber bucket, large air chamber to cushion the spray, is provided with **two discharge ports**, one on each side, of which one or both can be used for spraying. The base is properly shaped to fasten on the side or head of barrel, has steel pins, long handle, and is fitted with **brass upper and brass-lined lower cylinders**, with **ground brass check valves** and **brass seat**. No rubber or leather packing. It is very powerful and easy to operate; will throw an even mist-like spray over any fruit tree, and will throw a solid stream sixty feet from the point of the nozzle. **All barrel pumps fitted with agitator.** Pump with five feet of $\frac{1}{2}$ -inch 3-ply hose, graduated Vermorel or Bordeaux spray nozzle, 3 feet of suction pipe, strainer and agitator, *not including barrel*, all working parts of brass.....\$7 50

Fig. 544—Same as above, but fitted with extra air chamber..... 9 00

Extra Lead of $\frac{1}{2}$ -inch 3 ply hose, five feet long, with Vermorel or Bordeaux spray nozzle, for running two streams from pump..... 1 50

Eight-foot Extension pipe for above pumps..... 50

MYERS' PERFECT DOUBLE-ACTING BARREL SPRAY PUMP.

This is an improvement on the above; being specially made for large orchards, it has a very large air chamber, but is constructed on the same principles as the above pump. Price, pump with 3 feet of 1-inch suction pipe, strainer, 5 feet of $\frac{1}{2}$ -inch 3-ply hose, graduated Vermorel or Bordeaux nozzle, and either jet, or dasher agitator, \$10.00.

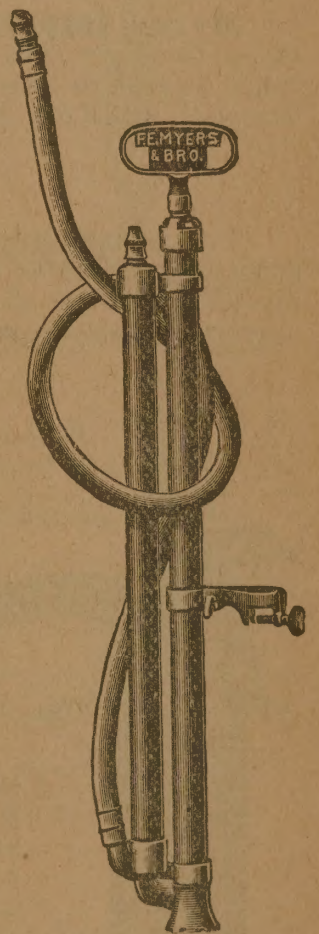


Fig. 492.

MYERS' BUCKET SPRAY PUMP.

This Spray Pump is constructed entirely of brass, a material that is not affected by the poisonous arsenites used in different formulas for spraying fruit trees, vines and shrubbery. It is so arranged that the labor of pumping is all on the downward stroke of the piston and nothing on the up; and the fact that it is not necessary to steady the pump with a foot rest, makes it very easy to operate, and gives it extraordinary power. It is provided with a large air chamber, and has a ball valve at the bottom, between the cylinder and the air chamber, whereby the pressure is held uniformly in the air chamber and on the hose so that the nozzle throws a continuous spray, and is not affected by the movement of the plunger. It will throw a solid stream fifty feet, and is of unusual value for washing windows, buggies, and extinguishing fires, sprinkling lawns, flowers, etc. For spraying it is arranged so as to discharge a fine jet in the bottom of the bucket and keep the solution thoroughly mixed and agitated, a feature peculiar to this pump only and a very necessary feature to a spray pump.

Fig. 492—Pump with Agitator, complete with hose and Myers' combination, fine coarse spray and solid stream nozzles, all of brass, \$4.00.

Eight foot extension pipe for same, 50c. Vermorel or Bordeaux Nozzles, 50c.

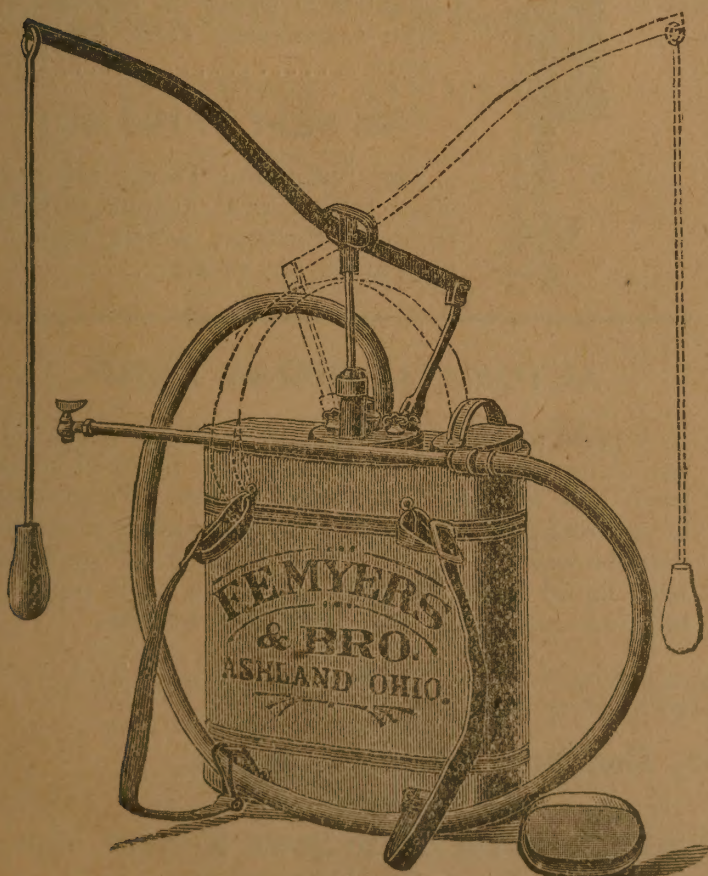


Fig. 547.

MYERS' PERFECT LEVER BUCKET SPRAY PUMP.

This is an improvement on the above Pump, being constructed on the same principles but differing by having an extra large air chamber and a lever handle which add greatly to the ease in pumping, also a wide base which enables it to stand alone. Price, complete with agitator, hose and nozzles, \$5.00.

MYERS' KNAPSACK SPRAY PUMP.

The tank holds five gallons, is fitted with lid and strainer which can be removed. The pump is our regular Brass Bucket Spray Pump (described on page 69), with large air chamber, ball valves, solid plunger and agitator. This is the only Knapsack outfit on the market with an agitator. It is so arranged that no water can drip on the operator. The pump can be removed easily. The pump is also fitted with a handle, so that the operator can set the knapsack on the ground and work pump with handle. Can be carried by hooking snap in staple on the opposite side provided for that purpose, making a neat handle, as shown by the dotted lines. The handle lever can be shifted from right to left shoulder at will.

Fig. 547—Pump fitted with 5 feet $\frac{1}{2}$ -inch hose, pipe extension and Bordeaux or graduated Vermorel Spray Nozzle which can be graduated from a fine mist spray to a solid stream, or shut off entirely. Galvanized Tank, \$7.00.

Same pump as above, only that Tank is made entirely of copper and thus resists the action of strong compounds, \$11.00.

MYERS' FOUNTAIN KNAPSACK PUMP.

Holds 5 Gallons. Weight, 52 lbs. when full. All working parts are brass.

It is constructed of first quality Galvanized Iron, with round corners, built precisely the same as our regular Myers' Knapsack, with removable strainer and tight lid, which prevents liquid from splashing on operator. It is fitted with adjustable straps so as to be carried on the back, or can be carried by bail as shown by dotted lines. It is tapped at both right and left hand lower corners, and fitted with brass female ends to which hose is attached, either one or two strings of which may be used at one time. When one hose only is used, the other opening is closed with a metal plug furnished for that purpose. The hose and bulb are made of the best white rubber, and protected at each end by coiled wire to prevent breaking. The valves are made of brass and will not corrode, have large openings which permit the free flow of water, and shut off instantly when under pressure. The nozzle is made of brass, nickel plated, has 50 small openings and throws a spray 6 feet wide at a distance of 12 feet. The pump is operated by grasping the bulb in the hand and compressing it, which causes a spray to be thrown at any distance from 3 to 15 feet as desired; on relaxing the pressure on the bulb it expands, refilling instantly, when the same operation can be repeated; to shut off flow of water entirely, use valve on hose for that purpose. The operator can cover one or two rows of plants or vines as desired, and do the work at a rapid walk, thus covering a large amount of territory in a very short time.

Fig. 599—Pump with one tube, rubber bulb and rose.....\$4 00

Above, with two tubes, rubber bulbs and roses, worked by both hands..... 5 25

Myers' Imperial Barrel Pump—made on same principal as the Bucket Pump, but larger—has lever handle, 2-inch cylinder and air chamber, patent agitator, ample capacity for two streams, and is fitted with top casting to bolt to chime of barrel. Complete, with 5 feet of $\frac{1}{2}$ -inch three-ply hose and graduating Vermorel nozzle, \$8.00.

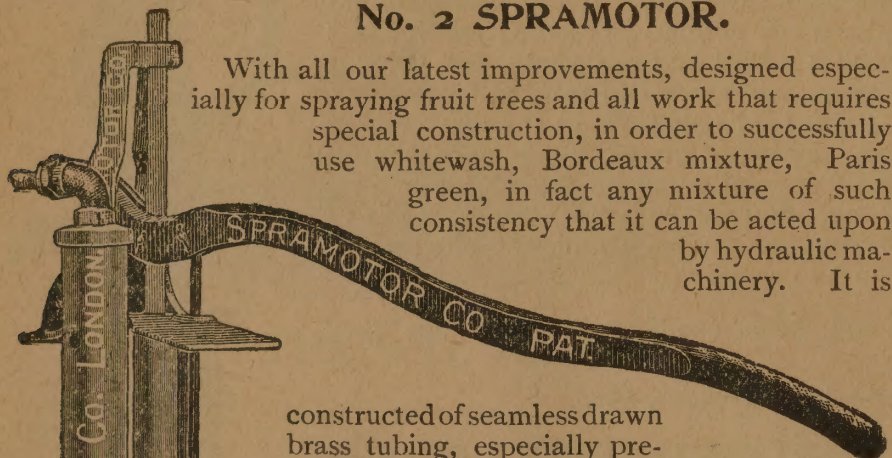


Fig. 599.

SPRAMOTOR PUMPS.

These Pumps are of Canadian make, and were awarded the first place in the competition held at Grimsby, spring of 1896, under the auspices of the Board of Control of the Fruit Experimental Stations. They scored the highest points for ease of operation, evenness of distribution, general style, durability, power, agitator and accessories or attachments. Gave splendid satisfaction wherever sold last season.

No. 2 SPRAMOTOR.



With all our latest improvements, designed especially for spraying fruit trees and all work that requires special construction, in order to successfully use whitewash, Bordeaux mixture, Paris green, in fact any mixture of such consistency that it can be acted upon by hydraulic machinery. It is

constructed of seamless drawn brass tubing, especially prepared, and is fitted in the best possible order. It will, when so ordered, be arranged with the agitator, agitator-rod and suction tube of brass. It will be sent, unless specially mentioned, with these of iron. With the foregoing in brass, the entire apparatus, with the exception of the head and handle, will be in brass. We do not, however, think these are necessary to be made of brass, as they will last for years in iron, and can be renewed for a few cents. The valves used in our SPRAMOTOR are of special importance, and are most effective, and when combined with our patent detachable seat and cage, makes the only effective appliance for the use intended. All these features are patented. This size will answer for all general purpose spraying, and will prove large enough for 1,000 trees or less. Can be used with two or four nozzles. The air chamber is large, and will be found perfectly satisfactory should four

Fig. 2.

nozzles be used. Both inner and outer tubes are brass, and the top casting is arranged for one or two lines of hose. The whole construction of this SPRAMOTOR is strictly highest class, and is warranted in every particular.

Price, \$12.00; or with Brass Suction Tube, Rod and Agitator, \$14.00.

SPRAMOTOR JUNIOR.



This Pump, first introduced this season, has all the fine points of the Spramotor Pumps, with the latest improvements, and for gardens and small orchards it is the best article offered. It is invaluable for washing windows, buggies, etc., and for spraying in the garden and orchard.

Complete, as shown in cut..\$6 00
Large Galvanized Tank for same..... 1 50

THE BEST THING OUT.

The Spramotor Pumps are now fitted with a new Automatic Self-Packing Plunger, which remains tight under any pressure.

AUTOMATIC SPRAY PUMP.

A good and useful little article for the price. It will pump from pail or will carry the material to be used, and will throw a stream 25 feet. When used in pail or barrel, the stop cock on top of air chamber must be closed. To fill the air chamber or reservoir with liquid for field, open stop cock until pumped full then close stop cock. **\$2.00 each.**

We have Special Catalogues giving full descriptions and directions in regard to Lawn Mowers, Spray Pumps (including Spraying Calendar and Mixtures), Drills, Hoes, Cultivators, etc. Will mail these on application.

SPRAMOTOR No. 1.

It is made entirely of brass, or with the head, handle and agitator of iron, in the same manner as our larger size, No. 2. It is a thoroughly up-to-date apparatus. Is plenty large enough for the ordinary fruit growers who have 100 trees, or less, and will do with one nozzle as well as our larger size. Price, \$9.00; or with Brass Suction Tube, Rod and Agitator, \$11.00.

ATTACHMENTS FOR No. 1 AND No. 2 PUMPS.

Lead of 12½ feet of half inch, three-ply hose (couplings attached), and Spramotor nozzle.....	\$2 00
Lead of 12½ feet of half inch, three-ply hose (couplings attached), and Spramotor nozzle and lance.	\$2 75
Bamboo Extension Rod, 10 feet (for attaching to hose).....	2 50
Stop Cocks, for preventing waste of mixture.	75
Y Connections.....	60
Spramotor Nozzles	75
Imp. Vermorel Nozzle.....	1 00



The Little Giant Geared Hand Broadcast Seed Sower.

The most convenient, substantial, and latest improved crank Seed Sower in the market. Has a pressed distributing wheel, hand hold on side, and no feed plate to carry. Satisfaction guaranteed.

The Little Giant Hand Broadcast Seed Sower will distribute Flax and Clover Seed 36 feet to the round; Wheat 50 feet to the round; Timothy Seed 27 feet to the round; Oats 36 feet to the round.

PRICE, - - - \$2.00.

The cheapest way to send these is by Express. To out-of-the-way places we can mail them for \$3.00 each, postage paid.

Mr. S. D. Doner, Stayner, says: "It is the finest little rig for sowing seeds that I ever saw."

We have a great many similar testimonials.

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HANDIEST
TOOL

ON EARTH.

30¢
By Mail
PREPAID

AMPELOPSIS, VEITCHI (Japanese Ivy).

This handsome and rapid-growing climber, generally known as Boston Ivy, is adapted for covering brick or stone houses or walls. Its foliage, which is a lively green in summer, changes in autumn to brilliant crimson, producing a most gorgeous effect. It will, in a short time, entirely cover the side of a large building, and far surpasses the Ivy. Strong Plants 25 cents each; \$2.50 per doz.

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They are easily managed and not liable to get out of repair; can be adjusted to a large number of different sized meshes. They are worth ten times their cost to every farmer.

No. 1 Sieve will separate Plantain, Daisy, Buckhorn, Wild Carrot, etc., from Clover Seed; Red Top and Plantain from Timothy, and Timothy from Clover Seed. Price, each..... \$1 75

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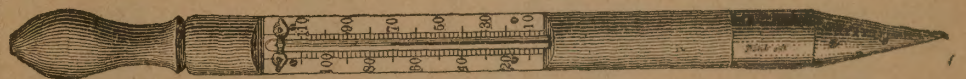
CRUSHED OYSTER SHELLS.

For poultry; a splendid article.

In 5 lb. cardboard boxes \$0 15
Per Bag of 100 lbs 1 25

Silkalene for Florists—For stringing Smilax and other trailing plants. It is very strong and a fast color; color green and does not fade; made in three sizes, fine, medium and coarse. 2 oz. spools, 25c. each; per lb., \$1.75.

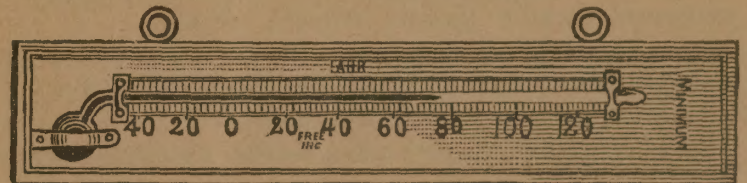
THERMOMETERS.



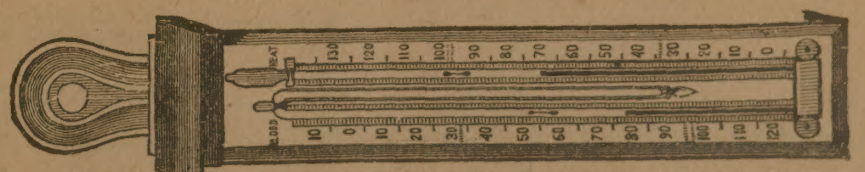
HOT BED, \$1.50 EACH.



PLAIN, 25 to 50c. NICKEL CASES, \$1.00 EACH.



MINIMUM REGISTERING, 75c. EACH.



MAXIMUM AND MINIMUM REG., \$2.00 EACH.

GARDEN REQUISITES AND FLORISTS' SUPPLIES.

	Each.	
Aphicides	\$0 50	
Asparagus Bunchers	1 50	
Atomizers and Sprinklers	50	
Bouquet Papers, 4 to 5 inch	\$0 45 to 65	
Button Hole Tubes	5	
Bellows, for dusting plants, shrubs, etc. .	1 50	
Baskets, Berry, per 1,000	3 75	
“ Plant, “	7 00	
“ Wire Hanging	25 to 1 00	
Bass Mats, Archangel	60	
Chenille, per 12 yards	50	
Cape Flowers, per bunch, wired	20	
Flower Pots and Saucers, 3 to 12 inch ..	3 to 45	
“ “ “ fancy, 5 to 8 in. .	15 to 50	
“ “ Japanese ware, 7 to 12 inch. .	1 00 to 3 00	
“ “ Hanging	25 to 50	
Florists' Companions	75	
Forks, Potato and Manure	1 00 to 1 50	
Grafting Wax, French, per tin ..	20 to 50	
Glaziers' Points, Van Reyers, per 1,000. .	75	
Grass, China, for tying, per lb.	30	
“ Roffea, “ “	25	
Hooks, Brier and Bill	1 00 to 1 50	
Hoes, Garden	50 to 75	
“ Dutch or Scuffle	35 to 50	
Irons, Edging	1 00 to 1 25	
Immortelles, Purple or White, per bunch	40 to 50	
Jardinières	75 to 1 75	
Knives, Pruning and Budding	75 to 1 25	
Labels, Plain, 4½ inch, per 100	15	
“ Painted, 4½ inch, per 100	20	

	Each.	
Lines, Garden	\$0 25 to \$0 50	
Lawn Vases	75 to 3 50	
Moss, Dried, Green, Yellow or Red, per bunch.	15	
Pot Covers, Fancy Paper	10 to 25	
“ Lattice	10	
Pots, Watering	50 to 1 50	
Pencils, Weatherproof	10	
Ploughs	2 50 to 10 00	
Rakes, Best Cast Steel	50 to 1 00	
“ English Lawn	1 00 to 2 00	
Reels, for Garden	75	
Rustic Chairs	1 00	
“ Vases, per pair	1 25	
“ Sofas	1 50	
Rollers, Garden	10 00 to 15 00	
Saws, Pruning	1 00 to 1 50	
Scythes, Patent English, Best, 36 to 42 inch	1 25 to 1 50	
Scythe Stones	10 to 20	
Shovels	50 to 1 00	
Spades, English, Parke's	1 50	
Spuds for Thistles, etc.	30 to 50	
Scissors, Flower Gatherers	50	
“ Grape Thinners	75	
“ Pruners	1 00	
Shears, Hedge	75 to 1 50	
“ Grass, Edging	50 to 1 50	
“ Pruning	1 50	
Trowels, English	25 to 50	
Wreaths, Metal or Dried Flower	1 50	

FLORAL DESIGNS.

	Each.	
Anchors, 9 to 30 in.	\$0 15 to \$0 70	
Anchor and Cross, 12 to 24 in.	18 to 35	
Broken Column, 12 to 24 in.	35 to 75	
Broken Links, 12 to 16 in.	25 to 50	
Crosses, 8 to 26 in.	4 to 18	
Crowns, 7 to 14 in.	30 to 75	
Faith, Hope, Charity, 15 to 24 in.	35 to 75	
Gates Ajar, 12 to 24 in.	1 25 to 1 75	
Harps, 12 to 24 in.	30 to 90	
Hearts, 8 to 20 in.	12 to 35	
Horseshoes, 6 to 16 in.	12 to 35	

	Each.	
Maltese Cross, 8 to 20 in.	\$0 14 to \$0 40	
Oddfellows' Links, 18 to 24 in.	50 to 75	
Pillows, Single, 8 to 20 in.	18 to 40	
“ Double, 8 to 24 in.	39 to 1 00	
Pyramids, 12 to 24 in.	30 to 70	
Shields, 12 to 24 in.	25 to 70	
Sickles, 12 to 20 in.	22 to 35	
Stars, 7 to 24 in.	12 to 45	
Square, Compass and G., 16 to 24 in.	50 to 85	
Triangles, 12 to 21 in.	25 to 50	
Wreaths, 6 to 24 in.	4 to 25	

OTHER DESIGNS SUPPLIED.

CATALOGUE ON APPLICATION.

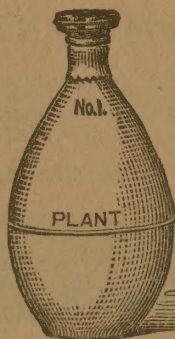
COCOANUT FIBRE. Unequalled for seed beds, mulching, etc. Per bag, \$1.00.

TINFOIL. (Subject to change.) Five inch wide, per lb., 20c. ; 10 lb. lots, 15c. per lb.

WIRE, ANNEALED. No. 24, 10c. per lb. ; No. 26, 12c. per lb. ; No. 28, 15c. per lb. ; No. 30, 18c. per lb. ; No. 36, 25c. per lb.



Rubber Putty Bulb.



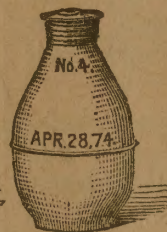
No. 1, \$1.10.



No. 2, 90c.



No. 3, 75c.



No. 4, 60c.

No. 1 Angle, \$1.10. No. 2, \$1.00.

RUBBER PUTTY BULB. PRICE, \$1.10.

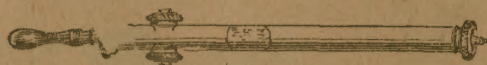
Excellent for glazing. A pressure with the hand ejects the putty along the sash bars ; makes a tight and neat joint. Does not daub the glass or stick to the hands.

SCOLLAY'S RUBBER PLANT SPRINKLERS.

Indispensable for Floral Work and Window Gardening, and very useful for dampening clothes or sprinkling in any way.

If Putty Bulbs, Powder Bulbs, or Sprinklers are wanted by Mail, add 10c. postage on each.

IMPROVED BRASS GARDEN SYRINGES.



No. 1—Syringe, 16 inch barrel, each, \$2.50. No. 2—Full size, 18 inch barrel, each, \$2.75. No. 3—Full size, 18 inch barrel, improved rose, each \$3.00. No. 4—Full size, Reed's 18 inch barrel, ball valve, each, \$3.50. These Syringes have improved side screws attached, and are the best English make.

Best Canadian 18 inch Brass Syringe, \$2.00. Improved Zinc Syringe, for Fruit Trees, 50c. each.

Insect Powder Bulb for spraying powder on plants, etc. A very handy article ; \$1.10.



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No. 2—Market Gardeners' and Florists' Special Price List, published 15th January.

No. 3—Annual Fall Wheat Circular, published in August.

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